

## LABORATORIOS KUDAM, S.L. (Unipersonal)

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(Alicante)

Norma de referencia/Reference Standard: **UNE-EN ISO/IEC 17025:2017**

Actividad/Activity: **Ensayo/Test**

Acreditación/Accreditation nº: **324/LE670**

Fecha de entrada en vigor/Coming into effect: 24/05/2002

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### ALCANCE DE LA ACREDITACIÓN/SCHEDULE OF ACCREDITATION

(Rev./Ed. 44 fecha/date 30/09/2025)

#### **PROGRAMA DE ACREDITACIÓN: "ENSAYOS PARA EL CONTROL DE LA PRODUCCIÓN ECOLÓGICA" (NT-70.09)\*:**

#### **ACCREDITATION PROGRAMME: "TEST FOR THE CONTROL OF ORGANIC PRODUCTION " (NT-70.09)\***

- **Ensayos de residuos de plaguicidas para el control de la producción ecológica:**  
*Test residue of pesticides for the control of organic production*
  - Multi-residuos de plaguicidas mediante CG-MS/MS y LC-MS/MS / *Pesticides Multi-residue by CG-MS/MS and LC-MS/MS*
  - Glifosato / *Glyphosate*
  - Fosetil-Al / *Fosetyl-Al*
  - Clorato y perclorato / *Chlorate and perchlorate*
- **Ensayos de residuos de metales para el control de la producción ecológica:**  
*Test residue of metals for the control of organic production*
  - Cobre, Plomo, Cadmio / *Copper, Lead and Cadmium*

**\* Disponible en la página web de ENAC**

**\* Available on the ENAC website**

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**Código Validación Electrónica:** yZ16eoPajnBI6s4319

La acreditación mantiene su vigencia hasta notificación en contra. La presente acreditación está sujeta a modificaciones, suspensiones temporales y retirada.

Su vigencia puede confirmarse en <https://www.enac.es/web/enac/validacion-electronica> o haciendo clic **aquí**

## Categoría 0 (Ensayos en las instalaciones del laboratorio)

### Category 0 (Test in the permanent laboratory)

#### DEPARTAMENTO MICROBIOLOGÍA /MICROBIOLOGY DEPARTMENT

Análisis de alimentos mediante métodos basados en técnicas de aislamiento en medio de cultivo

Food análisis by methods based on isolation in culture media techniques

| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED                                 | ENSAYO<br>TYPE OF TEST                                                                                                                | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD            |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Alimentos<br>Food                                                                              | Recuento en placa de <i>Listeria monocytogenes</i><br>Plate count of <i>Listeria monocytogenes</i>                                    | MIAV133-2<br>Método interno basado en<br>In-house method based on<br>ISO 11290-2       |
|                                                                                                | Recuento <i>Bacillus cereus</i> presuntivo<br>Plate count of <i>Bacillus cereus</i> presumptive                                       | MIAV139<br>Método interno basado en<br>In-house method based on<br>RAPID 'B.cereus     |
| Frutas y hortalizas<br>Fruits and vegetables                                                   | Recuento en placa de microorganismos aerobios a 30 °C<br>Plate count of aerobic microorganisms at 30 °C                               | MIAV020<br>Método interno basado en<br>In-house method based on<br>UNE-EN ISO 4833-1   |
|                                                                                                | Recuento en placa <i>Escherichia coli</i> β-glucuronidasa positivo<br>Plate count of <i>Escherichia coli</i> β-glucuronidasa positive | MIAV134<br>Método interno basado en<br>In-house method based on<br>ISO 16649-2         |
|                                                                                                | Detección de <i>Listeria monocytogenes</i><br>Detection of <i>Listeria monocytogenes</i>                                              | MIAV133-1<br>Método interno basado en<br>In-house method based on<br>ISO 11290-1       |
| Frutas y hortalizas<br>Fertilizantes orgánicos<br>Fruits and vegetables<br>Organic fertilizers | Detección de <i>Salmonella</i> spp.<br>Detection of <i>Salmonella</i> spp.                                                            | MIAV091-4<br>Método interno basado en<br>In-house method based on<br>UNE-EN ISO 6579-1 |
| Fertilizantes orgánicos<br>Suelos.<br>Organic fertilizers<br>Soils                             | Recuento de <i>Escherichia coli</i> presuntivo (NMP)<br>Enumeration of <i>Escherichia coli</i> (NMP)                                  | MIAV040<br>Método interno basado en<br>In-house method based on<br>ISO 7251            |

## Análisis mediante métodos basados en técnicas de NMP automatizado

Analysis by methods based on automatized MPN techniques

| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED                                             | ENSAYO<br>TYPE OF TEST                                                                                                                                       | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD          |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Alimentos (excepto leche cruda y bebidas carbonatadas)<br><br>Food (except raw milk and carbonated drinks) | Recuento de <i>Escherichia coli</i> por NMP automatizado<br><br><i>Enumeration of Escherichia coli by automatized MPN</i>                                    | MIAV135<br><br><i>Método interno basado en In-house method based on TEMPO® EC</i>    |
|                                                                                                            | Recuento de Enterobacterias totales por NMP automatizado<br><br><i>Enumeration of Enterobacteriaceae by automatized MPN</i>                                  | MIAV135<br><br><i>Método interno basado en In-house method based on TEMPO® EB</i>    |
|                                                                                                            | Recuento de microorganismos aerobios por NMP automatizado<br><br><i>Enumeration of aerobic microorganisms by automatized MPN</i>                             | MIAV135<br><br><i>Método interno basado en In-house method based on TEMPO® AC</i>    |
|                                                                                                            | Recuento de coliformes totales por NMP automatizado<br><br><i>Enumeration of total coliforms by automatized MPN</i>                                          | MIAV135<br><br><i>Método interno basado en In-house method based on TEMPO® TC</i>    |
|                                                                                                            | Recuento de mohos y levaduras por NMP automatizado<br><br><i>Enumeration of molds and yeasts by automatized MPN</i>                                          | MIAV135<br><br><i>Método interno basado en In-house method based on TEMPO® YM</i>    |
|                                                                                                            | Recuento de <i>Staphylococcus coagulans</i> positivo por NMP automatizado<br><br><i>Enumeration of Staphylococcus aureus by automatized MPN</i>              | MIAV135<br><br><i>Método interno basado en In-house method based on TEMPO® STA</i>   |
| Productos de aves de corral crudos y listos para cocinar<br><br>Raw, ready-to-cook poultry products        | Recuento de <i>Campylobacter</i> spp. termotolerantes por NMP automatizado<br><br><i>Enumeration of Campylobacter spp. Thermotolerant by automatized MPN</i> | MIAV124-1<br><br><i>Método interno basado en In-house method based on TEMPO® CAM</i> |

## Análisis mediante métodos basados en técnicas de inmunofluorescencia automatizada (ELFA)

### Analysis by methods based on immunofluorescence techniques

| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED | ENSAYO<br>TYPE OF TEST                                                                                                                              | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD           |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Alimentos<br><i>Food</i>                                       | Detección de enterotoxina estafilocócica por inmunofluorescencia (ELFA)<br><i>Staphylococcal enterotoxin detection by immunofluorescence (ELFA)</i> | MIAV153.<br><i>Método interno basado en<br/>In-house method based on<br/>ISO19020</i> |

## Análisis para el control de higiene de superficies mediante métodos basados en técnicas de aislamiento en medio de cultivo

### Hygiene control of surfaces test by methods based on isolation in culture media techniques

| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED | ENSAYO<br>TYPE OF TEST                                                                   | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD                                                           |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Hisopos<br>Esponjas<br><i>Swabs<br/>Sponges</i>                | Detección de <i>Listeria monocytogenes</i><br><i>Detection of Listeria monocytogenes</i> | MIAV133-7<br><i>Método interno basado en<br/>In-house method based on<br/>Listeria Precis™ (detection<br/>Listeria monocytogenes)</i> |
|                                                                | Detección de <i>Salmonella</i> spp.<br><i>Detection of Salmonella spp.</i>               | MIAV091-6<br><i>Método interno basado en<br/>In-house method based on<br/>Salmonella Precis</i>                                       |

## Análisis para el control de higiene de superficies mediante métodos basados en técnicas de NMP automatizado

### Hygiene control of surfaces test by methods based on automatized MPN techniques

| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED | ENSAYO<br>TYPE OF TEST                                                                                                       | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD           |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Hisopos<br><i>Swabs</i>                                        | Recuento de <i>Escherichia coli</i> por NMP automatizado<br><i>Enumeration of Escherichia coli by automatized MPN</i>        | MIAV135<br><i>Método interno basado en<br/>In-house method based on<br/>TEMPO® EC</i> |
|                                                                | Recuento de Enterobacterias totales por NMP automatizado<br><i>Enumeration of Enterobacteriaceae by automatized MPN</i>      | MIAV135<br><i>Método interno basado en<br/>In-house method based on<br/>TEMPO® EB</i> |
|                                                                | Recuento de microorganismos aerobios por NMP automatizado<br><i>Enumeration of aerobic microorganisms by automatized MPN</i> | MIAV135<br><i>Método interno basado en<br/>In-house method based on<br/>TEMPO® AC</i> |



# Análisis microbiológicos mediante métodos basados en técnicas de PCR

## Microbiological analysis by methods based on PCR techniques

| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED                                                                                                                                                                                          | ENSAYO<br>TYPE OF TEST                                                                                                                                                                                                                                                                                                                                                  | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Alimentos<br><i>Food</i>                                                                                                                                                                                                                                | Detección de <i>Salmonella</i> spp. mediante PCR a tiempo real<br><i>Detection of Salmonella spp. by real time PCR</i>                                                                                                                                                                                                                                                  | MIAV091-5<br><i>Método interno basado en In-house method based on GENE-UP® Salmonella.</i>             |
|                                                                                                                                                                                                                                                         | Detección de <i>Listeria monocytogenes</i> mediante PCR a tiempo real<br><i>Detection of Listeria monocytogenes by real time PCR</i>                                                                                                                                                                                                                                    | MIAV133-6<br><i>Método interno basado en In-house method based on GENE-UP® Listeria monocytogenes.</i> |
| Carne cruda (excepto aves)<br>Leche cruda y productos lácteos de leche cruda<br>Frutas y hortalizas<br><i>Raw meat (except poultry)</i><br><i>Raw milk dairy products</i><br><i>Fruits and vegetables</i>                                               | Detección de <i>Escherichia Coli</i> productora de toxina shiga (STEC) mediante PCR a tiempo real<br><i>Detection of Escherichia Coli shiga toxin producer (STEC) by real time PCR</i><br>Identificación de serogrupos O157, O26, O103, O111, O145 (Aglutinación de látex)<br><i>Identification of serogroups O157, O26, O103, O111, O145 (Aglutination latex test)</i> | MIAV138<br><i>Método interno basado en In-house method based on GeneUp® EHEC</i>                       |
| Vegetales y carnes (excepto carne de pollo)<br><i>Vegetables and meats (except chicken meat)</i>                                                                                                                                                        | Detección de <i>Yersinia enterocolitica</i> mediante PCR tiempo real<br><i>Detection of Yersinia enterocolitica by real-time PCR</i>                                                                                                                                                                                                                                    | MIAV129.<br><i>Método interno basado In-house method based on ISO 18867</i>                            |
| Preparados para lactantes y preparados de continuación junto con sus ingredientes y alimentos infantiles elaborados a base de cereales.<br><i>Infant formulas and follow-on formulas together with their ingredients and cereal-based infant foods.</i> | Detección de <i>Cronobacter</i> spp. mediante PCR tiempo real<br><i>Detection of Cronobacter spp. in by real-time PCR</i>                                                                                                                                                                                                                                               | MIAV154.<br><i>Método interno basado en In-house method based on GENE UP Cronobacter spp.</i>          |
| Frutas blandas<br>Hortalizas<br>Moluscos bivalvos<br>Superficies de frutas y hortalizas<br><i>Soft fruits</i><br><i>Vegetables</i><br><i>Bivalve mollusks</i><br><i>Fruit and vegetable surfaces</i>                                                    | Detección de Norovirus Genogrupos I y II y virus Hepatitis A mediante PCR a tiempo real<br><i>Detection of norovirus genogroups I and II and Hepatitis A virus by real-time PCR</i>                                                                                                                                                                                     | MIAV152<br><i>Método interno basado en In-house method based on UNE-EN ISO 15216-2</i>                 |

**Análisis de gluten y alérgenos mediante métodos basados en técnicas ELISA**  
*Gluten and allergen analysis by methods based on ELISA techniques*

| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED                             | ENSAYO<br>TYPE OF TEST                                                                                                                                                | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD                                 |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Alimentos (excepto<br>alimentos hidrolizados)<br><i>Food (except hydrolyzed<br/>foods)</i> | Cuantificación de gluten mediante ELISA sándwich (anticuerpo R5)<br><i>Quantification of gluten by ELISA sandwich (antibody R5)</i><br>( $\geq 5$ mg/kg)              | MIAV151<br><i>Método interno basado en<br/>In-house method based on<br/>RIDASCREEN® GLIADIN R7001</i>       |
| Alimentos<br><i>Food</i>                                                                   | Cuantificación de proteína de huevo mediante ELISA sándwich<br><i>Quantification of egg protein by ELISA sandwich</i><br>( $\geq 0,5$ mg/kg de huevo entero en polvo) | MIAV151<br><i>Método interno basado en<br/>In-house method based on<br/>RIDASCREEN® FAST Egg R6402</i>      |
|                                                                                            | Cuantificación de proteína de leche mediante ELISA sándwich<br><i>Quantification of milkprotein by ELISA sandwich</i><br>( $\geq 2,5$ mg/kg)                          | MIAV151<br><i>Método interno basado en<br/>In-house method based on<br/>RIDASCREEN® FAST Milk<br/>R6811</i> |

**Análisis alérgenos mediante métodos basados en técnicas PCR**  
*Allergen analysis by methods based on PCR techniques*

| <b>PRODUCTO/MATERIAL<br/>A ENSAYAR<br/>PRODUCTS/MATERIALS<br/>TESTED</b> | <b>ENSAYO<br/>TYPE OF TEST</b>                                                                                                                                                           | <b>NORMA/PROCEDIMIENTO<br/>DE ENSAYO<br/>STANDARD SPECIFICATIONS/<br/>TEST METHOD</b>                              |
|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Alimentos<br>Hisopos<br><i>Food<br/>Swabs</i>                            | Detección de altramuz mediante PCR a tiempo real<br><i>Detection of lupin by real time PCR</i><br><i>Límite de detección / Detection limit = 1 mg/kg</i>                                 | MIAV151-1<br><i>Método interno basado en<br/>In-house method based on<br/>SureFood ALLERGEN Lupin</i>              |
|                                                                          | Detección de apio mediante PCR a tiempo real<br><i>Detection of celery by real time PCR</i><br><i>Límite de detección / Detection limit = 1 mg/kg</i>                                    | MIAV151-1<br><i>Método interno basado en<br/>In-house method based on<br/>SureFood ALLERGEN Celery</i>             |
|                                                                          | Detección de cacahuets mediante PCR a tiempo real<br><i>Detection of peanuts by real time PCR</i><br><i>Límite de detección / Detection limit = 1 mg/kg</i>                              | MIAV151-1<br><i>Método interno basado en<br/>In-house method based on<br/>SureFood ALLERGEN Peanut</i>             |
|                                                                          | Detección de crustáceos mediante PCR a tiempo real<br><i>Detection of Crustaceans by real time PCR</i><br><i>Límite de detección / Detection limit = 1 mg/kg</i>                         | MIAV151-1<br><i>Método interno basado en<br/>In-house method based on<br/>SureFood ALLERGEN<br/>Crustaceans</i>    |
|                                                                          | Detección de frutos de cáscara y cacahuete mediante PCR a tiempo real<br><i>Detection of nuts and peanuts by real time PCR</i><br><i>Límite de detección / Detection limit = 1 mg/kg</i> | MIAV151-1<br><i>Método interno basado en<br/>In-house method based on<br/>SureFood ALLERGEN 4-plex EU<br/>Nuts</i> |
|                                                                          | Detección de moluscos mediante PCR a tiempo real<br><i>Detection of mollusks by real time PCR</i><br><i>Límite de detección / Detection limit = 1 mg/kg</i>                              | MIAV151-1<br><i>Método interno basado en<br/>In-house method based on<br/>SureFood ALLERGEN Molluscs</i>           |
|                                                                          | Detección de mostaza mediante PCR a tiempo real<br><i>Detection of mustard by real time PCR</i><br><i>Límite de detección / Detection limit = 1 mg/kg</i>                                | MIAV151-1<br><i>Método interno basado en<br/>In-house method based on<br/>SureFood ALLERGEN Mustard</i>            |
|                                                                          | Detección de pescado mediante PCR a tiempo real<br><i>Detection of fish by real time PCR</i><br><i>Límite de detección / Detection limit = 1 mg/kg</i>                                   | MIAV151-1<br><i>Método interno basado en<br/>In-house method based on<br/>SureFood ALLERGEN Fish</i>               |
|                                                                          | Detección de sésamo mediante PCR a tiempo real<br><i>Detection of sesame by real time PCR</i><br><i>Límite de detección / Detection limit = 1 mg/kg</i>                                  | MIAV151-1<br><i>Método interno basado en<br/>In-house method based on<br/>SureFood ALLERGEN Sesame</i>             |
|                                                                          | Detección de soja mediante PCR a tiempo real<br><i>Detection of soy by real time PCR</i><br><i>Límite de detección / Detection limit = 1 mg/kg</i>                                       | MIAV151-1<br><i>Método interno basado en<br/>In-house method based on<br/>SureFood ALLERGEN Soya</i>               |

**DEPARTAMENTO QUÍMICA/CHEMICAL DEPARTMENT**

Análisis mediante métodos basados en técnicas gravimétricas y volumétricas

Analysis by methods based on gravimetric and titrimetric techniques

| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED                                                                                                                                | ENSAYO<br>TYPE OF TEST                                                                                                                                                              | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alimentos (excepto lácteos y bebidas no alcohólicas)<br><i>(Food except dairy and non alcoholic beverages)</i>                                                                                | Humedad por gravimetría<br><i>Moisture by gravimetry</i>                                                                                                                            | ALI0035 Rev.23<br><i>Métodos internos<br/>In-house methods</i>                                                                                                           |
|                                                                                                                                                                                               | Cenizas por gravimetría<br><i>Ashes by gravimetry</i>                                                                                                                               | ALI0035 Rev.23<br><i>Métodos internos<br/>In-house methods</i>                                                                                                           |
|                                                                                                                                                                                               | Grasa por gravimetría<br><i>Fat by gravimetry</i>                                                                                                                                   | ALI0035 Rev.23<br><i>Métodos internos<br/>In-house methods</i>                                                                                                           |
|                                                                                                                                                                                               | Fibra alimentaria (fracciones de alto peso molecular) por método enzimático-gravimétrico<br><i>Dietary fiber (high molecular weight fractions) by enzymatic-gravimetric method)</i> | ALI0035<br><i>Método interno basado en<br/>In-house method based on<br/>AOAC 991.43</i>                                                                                  |
| Alimentos (excepto alimentos con contenido en hidratos de carbono inferior a 10 g/100g, derivados lácteos y bebidas no alcohólicas)<br><i>(Food except dairy and non alcoholic beverages)</i> | Hidratos de carbono (por cálculo)<br><i>Carbohydrates (by calculation)</i>                                                                                                          | ALI0035<br><i>Método interno basado en<br/>In-house method based on<br/>Food energy-methods of<br/>analysis and conversion factors,<br/>FAO Food and Nutrition Paper</i> |
|                                                                                                                                                                                               | Valor energético (por cálculo)<br><i>Energy value (by calculation)</i>                                                                                                              | ALI0035<br><i>Método interno conforme a<br/>In-house method according to<br/>Reglamento (CE) nº 1169/2011<br/>Regulation (EC) nº 1169/2011</i>                           |
| Alimentos y bebidas no alcohólicas<br><i>Food and non alcoholic beverages</i>                                                                                                                 | Nitrógeno total y proteína por volumetría (Método Kjeldahl)<br><i>Total nitrogen and protein by titration (Kjeldahl method)</i>                                                     | ALI0035 Rev.23<br><i>Métodos internos<br/>In-house methods</i>                                                                                                           |
| Suelos<br><i>Soil</i>                                                                                                                                                                         | Materia orgánica oxidable por volumetría<br><i>Organic matter by volumetry</i>                                                                                                      | SUE0201<br><i>Método interno basado en<br/>In-house method based on<br/>BOE-A-1976-6778 Apdo. 25.</i>                                                                    |

**Análisis mediante métodos basados en técnicas electroanalíticas**  
*Analysis by methods based on electroanalytic techniques*

| PRODUCTO/MATERIAL A ENSAYAR<br><i>PRODUCTS/MATERIALS TESTED</i>                                                                                                                                                                                                                                                                                           | ENSAYO<br><i>TYPE OF TEST</i>                                                                                                         | NORMA/PROCEDIMIENTO DE ENSAYO<br><i>STANDARD SPECIFICATIONS/TEST METHOD</i>            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Suelos<br><i>Soil</i>                                                                                                                                                                                                                                                                                                                                     | pH en extracto acuoso 1:2 (p/v)<br><i>pH in aqueous extract 1:2 (w/v)</i><br>(5 - 9 unidades de pH / pH units)                        | SUE2400<br><i>Método interno basado en In-house method based on ISO 10390</i>          |
|                                                                                                                                                                                                                                                                                                                                                           | Conductividad a 25 °C en extracto acuoso 1:2 (p/v)<br><i>Conductivity at 25 °C in aqueous extract 1:2 (w/v)</i><br>(147 - 6000 mS/cm) | SUE2401<br><i>Método interno basado en In-house method based on UNE 77308</i>          |
| Fertilizantes orgánicos e inorgánicos<br>Hojas<br>Suelos<br><i>Organic and inorganic fertilizers</i><br><i>Leaf</i><br><i>Soil</i>                                                                                                                                                                                                                        | Nitrógeno total por conductividad térmica (método Dumas)<br><i>Total Nitrogen by thermal conductivity (Dumas method)</i>              | QUI0014<br><i>Método interno basado en In-house method based on UNE 77325</i>          |
| Carne y derivados<br>Pescados y derivados<br>Cereales y derivados<br>Frutas, hortalizas y derivados<br>Platos preparados<br>Leche y productos lácteos<br><i>Meat and derivatives</i><br><i>Fish and derivatives</i><br><i>Cereals and derivatives</i><br><i>Fruits, vegetables and derivatives</i><br><i>Ready meals</i><br><i>Milk and milk products</i> | Nitrógeno / Proteína por conductividad térmica (método Dumas)<br><i>Nitrogen/protein by thermal conductivity (Dumas method)</i>       | ALI0035<br><i>Método interno basado en In-house method based on UNE EN-ISO 16634-2</i> |

## Análisis mediante métodos basados en técnicas de espectroscopía molecular

### Analysis by methods based on molecular spectroscopy techniques

| PRODUCTO/MATERIAL A ENSAYAR<br>PRODUCTS/MATERIALS TESTED | ENSAYO<br>TYPE OF TEST                                                                                                                                                                         | NORMA/PROCEDIMIENTO DE ENSAYO<br>STANDARD SPECIFICATIONS/TEST METHOD                                     |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Frutas y sus zumos<br><i>Fruits and their juices</i>     | Ácido L-málico por espectrofotometría UV-VIS (método enzimático automatizado)<br><i>L-malic acid by UV-VIS spectrophotometry (automated enzymatic method)</i><br>( $\geq 30$ mg/100 g)         | ALI0042<br><i>Método interno basado en In-house method based on Biosystems; L-malic acid code 12803</i>  |
| Alimentos<br><i>Foods</i>                                | Ácido Ascórbico por espectrofotometría UV-VIS (método enzimático automatizado)<br><i>Ascorbic acid by UV-VIS spectrophotometry (automated enzymatic method)</i><br>( $\geq 5$ mg/100 g)        | ALI0043<br><i>Método interno basado en In house method based on BioSystems; Ascorbic acid code 12828</i> |
|                                                          | Almidón por espectrofotometría UV-VIS (método enzimático automatizado)<br><i>Starch by UV-VIS spectrophotometry (automated enzymatic method)</i><br>( $\geq 0,5$ g/100 g)                      | ALI0044<br><i>Método interno basado en In house method based on BioSystems; Starch code 12848</i>        |
| Carne y derivados<br><i>Meat and derivatives</i>         | Hidroxiprolina por espectrofotometría UV-VIS<br><i>Hydroxyproline by UV-VIS spectrophotometry</i>                                                                                              | ALI0037<br><i>Método interno basado en In-house method based on AOAC. 990.26</i>                         |
| Suelos<br><i>Soil</i>                                    | Fósforo soluble en disolución de bicarbonato sódico por espectrofotometría UV-VIS<br><i>Soluble phosphorus in sodium bicarbonate solution by UV-VIS spectrophotometry</i><br>( $\geq 5$ mg/kg) | SUE0011<br><i>Método interno basado en In-house method based on UNE 77324</i>                            |

## Análisis en vegetales mediante métodos basados en técnicas de espectrometría atómica

### Analysis by methods based on atomic spectroscopy techniques

| PRODUCTO/MATERIAL A ENSAYAR<br>PRODUCTS/MATERIALS TESTED  | ENSAYO<br>TYPE OF TEST                                                                                                                                                                         | NORMA/PROCEDIMIENTO DE ENSAYO<br>STANDARD SPECIFICATIONS/TEST METHOD             |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Alimentos (excepto lácteos)<br><i>Food (except dairy)</i> | Sodio por espectrometría de masas con plasma de acoplamiento inductivo (ICP-MS)<br><i>Sodium by inductively coupled plasma atomic emission spectrometry (ICP-MS)</i><br>( $\geq 0,005$ g/100g) | ALI0035<br><i>Método interno basado en In-house method based on UNE-EN 13804</i> |

| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ENSAYO<br>TYPE OF TEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frutas y hortalizas<br>Zumos<br>Aceites vegetales y<br>frutos grasos<br>Cereales, legumbres y<br>sus harinas<br>Vino<br>Pescados y mariscos<br>Productos de cacao y de<br>chocolate<br>Conservas y<br>semiconservas de frutas<br>y hortalizas<br>Cremogenados de<br>frutas y hortalizas<br>Concentrados de frutas<br><br><i>Fruits and vegetables</i><br><i>Juices</i><br><i>Vegetable oils and fatty</i><br><i>fruits</i><br><i>Cereals, legumes and their</i><br><i>flours</i><br><i>Wine</i><br><i>Fish and shellfish</i><br><i>Cocoa and chocolate</i><br><i>products</i><br><i>Canned and semi-</i><br><i>preserved vegetables of</i><br><i>fruits and vegetables</i><br><i>Fruits and vegetables</i><br><i>cremogenated</i><br><i>Fruits concentrates</i> | Elementos por espectrometría de masas con plasma de acoplamiento inductivo (ICP-MS)<br><i>Elements by mass spectrometry with inductively coupled plasma (ICP-MS)</i><br><br>Frutas y hortalizas, Zumos/ <i>Fruits and vegetables, Juices</i><br><i>Antimonio/Antimony</i> (≥ 0,05 mg/kg) <i>Manganeso/Manganese</i> (≥ 2,00 mg/kg)<br><i>Arsénico/Arsenic*</i> (≥ 0,04 mg/kg) <i>Mercurio/Mercury</i> (≥ 0,005 mg/kg)<br><i>Boro/Boron</i> (≥ 1,00 mg/kg) <i>Molibdeno/Molybdenum</i> (≥ 0,02 mg/kg)<br><i>Cadmio/Cadmium</i> (≥ 0,005 mg/kg) <i>Níquel/Nickel</i> (≥ 0,10 mg/kg)<br><i>Cobre/Copper</i> (≥ 0,50 mg/kg) <i>Plomo/Lead *</i> (≥ 0,02 mg/kg)<br><i>Cromo/Chromium</i> (≥ 0,10 mg/kg) <i>Zinc/Zinc</i> (≥ 1,00 mg/kg)<br><i>Estaño/Tin</i> (≥ 0,20 mg/kg)<br><br>* Zumos / <i>Juices</i> Plomo/Lead (≥ 0,01 mg/kg) Arsénico/Arsenic (≥ 0,02 mg/kg)<br><br>Aceites vegetales y frutos grasos/ <i>Vegetable oils and fatty fruits :</i><br><i>Antimonio/Antimony</i> (≥ 0,1 mg/kg) <i>Manganeso/Manganese</i> (≥ 5,00 mg/kg)<br><i>Arsénico/Arsenic</i> (≥ 0,04 mg/kg) <i>Mercurio/Mercury</i> (≥ 0,01 mg/kg)<br><i>Boro/Boron</i> (≥ 10,0 mg/kg) <i>Molibdeno/Molybdenum</i> (≥ 0,10 mg/kg)<br><i>Cadmio/Cadmium*</i> (≥ 0,02 mg/kg) <i>Níquel/Nickel</i> (≥ 0,10 mg/kg)<br><i>Cromo/Chromium</i> (≥ 0,5 mg/kg) <i>Plomo/Lead</i> (≥ 0,02 mg/kg)<br><i>Estaño/Tin</i> (≥ 2,00 mg/kg) <i>Zinc/Zinc</i> (≥ 5,00 mg/kg)<br><br>*Frutos grasos/ <i>Fatty fruits</i> Cadmio/Cadmium (≥ 0,005 mg/kg)*<br><br>Cereales, legumbres, y sus harinas/ <i>Cereals, legumes and their flours:</i><br><i>Antimonio/Antimony</i> (≥ 0,05 mg/kg) <i>Hierro/Iron</i> (≥ 30,00 mg/kg)<br><i>Arsénico/Arsenic</i> (≥ 0,04 mg/kg) <i>Manganeso/Manganese</i> (≥ 10,00 mg/kg)<br><i>Boro/Boron</i> (≥ 10,0 mg/kg) <i>Mercurio/Mercury</i> (≥ 0,01 mg/kg)<br><i>Cadmio/Cadmium</i> (≥ 0,005 mg/kg) <i>Molibdeno/Molybdenum</i> (≥ 0,20 mg/kg)<br><i>Cobre/Copper</i> (≥ 5,00 mg/kg) <i>Níquel/Nickel</i> (≥ 0,25 mg/kg)<br><i>Cromo/Chromium</i> (≥ 1,00 mg/kg) <i>Plomo/Lead</i> (≥ 0,02 mg/kg)<br><i>Estaño/Tin</i> (≥ 1,00 mg/kg) <i>Zinc/Zinc</i> (≥ 10,00 mg/kg)<br><br>Vino/ <i>Wine:</i><br><i>Arsénico/Arsenic</i> (≥ 0,04 mg/kg) <i>Mercurio/Mercury</i> (≥ 0,01 mg/kg)<br><i>Cadmio/Cadmium</i> (≥ 0,002 mg/kg) <i>Níquel/Nickel</i> (≥ 0,10 mg/kg)<br><i>Cobre/Copper</i> (≥ 0,10 mg/kg) <i>Plomo/Lead</i> (≥ 0,010 mg/kg)<br><i>Cromo/Chromium</i> (≥ 0,10 mg/kg) <i>Zinc/Zinc</i> (≥ 2,00 mg/kg) | QUI_1000_ICP_MS<br><br><i>Método interno conforme a</i><br><i>In-house method according to</i><br><i>Reglamento (CE) 333/2007 y</i><br><i>Regulation (CE) 333/2007 and its</i><br><i>subsequent modifications</i> |



| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ENSAYO<br>TYPE OF TEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frutas y hortalizas<br>Zumos<br>Aceites vegetales y frutos grasos<br>Cereales, legumbres y sus harinas<br>Vino<br>Pescados y mariscos<br>Productos de cacao y de chocolate<br>Conservas y semiconservas de frutas y hortalizas<br>Cremogenados de frutas y hortalizas<br>Concentrados de frutas<br><br><i>Fruits and vegetables</i><br><i>Juices</i><br><i>Vegetable oils and fatty fruits</i><br><i>Cereals, legumes and their flours</i><br><i>Wine</i><br><i>Fish and shellfish</i><br><i>Cocoa and chocolate products</i><br><i>Canned and semi-preserved vegetables of fruits and vegetables</i><br><i>Fruits and vegetables cremogenated</i><br><i>Fruits concentrates</i> | Elementos por espectrometría de masas con plasma de acoplamiento inductivo (ICP-MS)<br><i>Elements by mass spectrometry with inductively coupled plasma (ICP-MS)</i><br><br>Pescados y mariscos/ <i>Fish and shellfish</i> :<br>Arsénico/Arsenic ( $\geq 0,40$ mg/kg) Mercurio/Mercury ( $\geq 0,04$ mg/kg)<br>Cadmio/Cadmium ( $\geq 0,02$ mg/kg) Plomo/Lead ( $\geq 0,02$ mg/kg)<br>Cobre/Copper ( $\geq 5,00$ mg/kg) Estaño/Tin ( $\geq 2,00$ mg/kg)<br><br>Productos de cacao y de chocolate/ <i>Cocoa and chocolate products</i> :<br>Arsénico/Arsenic ( $\geq 0,40$ mg/kg) Mercurio/Mercury ( $\geq 0,008$ mg/kg)<br>Cadmio/Cadmium ( $\geq 0,02$ mg/kg) Níquel/Nickel ( $\geq 0,80$ mg/kg)<br>Cobre/Copper ( $\geq 5,00$ mg/kg) Plomo/Lead ( $\geq 0,02$ mg/kg)<br>Estaño/Tin ( $\geq 2,00$ mg/kg)<br><br>Conservas y semiconservas de frutas y hortalizas/ <i>Canned and semi-preserve d vegetables of fruits and vegetables</i><br>Antimonio/Antimony ( $\geq 0,05$ mg/kg) Hierro/Iron ( $\geq 5,00$ mg/kg)<br>Arsénico/Arsenic ( $\geq 0,04$ mg/kg) Manganese/Manganese ( $\geq 2,00$ mg/kg)<br>Boro/Boron ( $\geq 1,0$ mg/kg) Mercurio/Mercury ( $\geq 0,01$ mg/kg)<br>Cadmio/Cadmium ( $\geq 0,005$ mg/kg) Molibdeno/Molybdenum ( $\geq 0,20$ mg/kg)<br>Cobre/Copper ( $\geq 0,50$ mg/kg) Níquel/Nickel ( $\geq 0,10$ mg/kg)<br>Cromo/Chromium ( $\geq 0,10$ mg/kg) Plomo/Lead ( $\geq 0,02$ mg/kg)<br>Estaño/Tin ( $\geq 1,00$ mg/kg) Zinc/Zinc ( $\geq 1,00$ mg/kg)<br><br>Cremogenados de frutas y hortalizas y concentrados de frutas / <i>Fruits and vegetable cremogenated and fruits concentrates</i><br>Arsénico/Arsenic ( $\geq 0,04$ mg/kg) Níquel/Nickel ( $\geq 0,10$ mg/kg)<br>Cadmio/Cadmium ( $\geq 0,005$ mg/kg) Plomo/Lead ( $\geq 0,02$ mg/kg)<br>Mercurio/Mercury ( $\geq 0,005$ mg/kg) | QUI_1000_ICP_MS<br><br><i>Método interno conforme a In-house method according to Reglamento (CE) 333/2007 y sus posteriores modificaciones Regulation (CE) 333/2007 and its subsequent modifications</i> |
| Hojas<br>Fertilizantes orgánicos, inorgánicos y organominerales<br><br><i>Leaf</i><br><i>Organic, inorganic and organomineral fertilizers</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Elementos por espectrometría de masas con plasma de acoplamiento inductivo (ICP-MS)<br><i>Elements by mass spectrometry with inductively coupled plasma (ICP-MS)</i><br><br>Hojas/ <i>Leaf</i> :<br>Boro/Boron ( $\geq 3,00$ mg/kg) Molibdeno/Molybdenum ( $\geq 0,10$ mg/kg)<br>Cobre/Copper ( $\geq 2,50$ mg/kg) Zinc/Zinc ( $\geq 15,0$ mg/kg)<br>Manganese/Manganese ( $\geq 20,0$ mg/kg)<br><br>Fertilizantes orgánicos, inorgánicos y organominerales/ <i>Organic, inorganic and organomineral fertilizers</i> :<br>Antimonio/Antimony ( $\geq 0,10$ mg/kg) Mercurio/Mercury ( $\geq 0,10$ mg/kg)<br>Arsénico/Arsenic ( $\geq 0,50$ mg/kg) Molibdeno/Molybdenum ( $\geq 0,50$ mg/kg)<br>Cadmio/Cadmium ( $\geq 0,10$ mg/kg) Níquel/Nickel ( $\geq 2,00$ mg/kg)<br>Cobre/Copper ( $\geq 2,00$ mg/kg) Plomo/Lead ( $\geq 1,00$ mg/kg)<br>Cromo/Chromium ( $\geq 2,00$ mg/kg) Zinc/Zinc ( $\geq 5,00$ mg/kg)<br>Estaño/Tin ( $\geq 0,50$ mg/kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | QUI_1000_ICP_MS<br><br><i>Método interno conforme a In-house method according to Reglamento (CE) 333/2007 y sus posteriores modificaciones Regulation (CE) 333/2007 and its subsequent modifications</i> |



| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED                    | ENSAYO<br>TYPE OF TEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD                     |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Fertilizantes orgánicos e inorgánicos<br><i>Organic and inorganic fertilizers</i> | Fósforo y potasio solubles en ácidos minerales por espectrometría de masas con plasma de acoplamiento inductivo (ICP-MS)<br><i>Phosphorus and potassium soluble in mineral acids by inductively coupled plasma atomic emission spectrometry (ICP-MS)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                         | FER0006<br><i>Método interno basado en In-house method based on</i>                             |
| Fertilizantes inorgánicos<br><i>Inorganic fertilizers</i>                         | Fósforo y potasio solubles en agua por espectrometría de masas con plasma de acoplamiento inductivo (ICP-MS)<br><i>Phosphorus and potassium soluble in water by inductively coupled plasma atomic emission spectrometry (ICP-MS)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | UNE-EN ISO 17294-2                                                                              |
| Suelos<br><i>Soil</i>                                                             | Elementos por espectrometría de masas con plasma de acoplamiento inductivo (ICP-MS)<br><i>Elements by mass spectrometry with inductively coupled plasma (ICP-MS)</i><br><div> <div>Arsénico/Arsenic (<math>\geq 2</math> mg/kg)</div> <div>Molibdeno/Molybdenum (<math>\geq 0,5</math> mg/kg)</div> <div>Cadmio/Cadmium (<math>\geq 0,2</math> mg/kg)</div> <div>Níquel/Nickel (<math>\geq 5</math> mg/kg)</div> <div>Cobre/Copper (<math>\geq 5</math> mg/kg)</div> <div>Plomo/Lead (<math>\geq 5</math> mg/kg)</div> <div>Cromo/Chromium (<math>\geq 5</math> mg/kg)</div> <div>Zinc/Zinc (<math>\geq 10</math> mg/kg)</div> <div>Mercurio/Mercury (<math>\geq 0,05</math> mg/kg)</div> </div> | QUI_1000_ICP_MS<br><i>Método interno basado en In-house method based on</i><br>UNE-EN-ISO 11885 |

#### Análisis mediante métodos basados en técnicas cromatográficas

*Analysis by methods based on chromatographical techniques*

| PRODUCTO/MATERIAL<br>A ENSAYAR<br>PRODUCTS/MATERIALS<br>TESTED | ENSAYO<br>TYPE OF TEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br>STANDARD SPECIFICATIONS/<br>TEST METHOD                       |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Alimentos<br><i>Food</i>                                       | Almidón por cromatografía iónica con detector amperométrico<br><i>Starch by ion chromatography with amperometric detector</i><br>( $\geq 0,5$ g/100g)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ALI0016<br><i>Método interno basado en In-house method based on</i><br>AOAC 920.83                |
| Alimentos (excepto lácteos)<br><i>Food (except dairy)</i>      | Azúcares por cromatografía iónica con detector amperométrico<br><i>Sugars by ion chromatography with amperometric detector</i><br><div> <div>Fructosa/Fructose</div> <div>Maltosa/Maltose</div> <div>Glucosa/Glucose</div> <div>Lactosa/Lactose</div> <div>Sacarosa/Saccharose</div> </div> ( $\geq 0,1$ g/100g)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ALI0035<br><i>Método interno basado en In-house method based on</i><br>AOAC 2000.17 y AOAC 920.83 |
|                                                                | Ácidos grasos saturados por cromatografía de gases con detector de ionización de llama (CG-FID)<br><i>Saturated fatty acids by gas chromatography with flame ionization detector (CG-FID)</i><br><div> <div>Ácido Butírico/Butyric acid</div> <div>Ácido Pentadecanoico/Pentadecanoic acid</div> <div>Ácido Caproico/Caproic acid</div> <div>Ácido Palmítico/Palmitic acid</div> <div>Ácido Caprílico/Caprylic acid</div> <div>Ácido Mirístico/Myristic acid</div> <div>Ácido Cáprico/Capric acid</div> <div>Ácido Estéarico/Stearic acid</div> <div>Ácido Undecanoico/Undecanoic acid</div> <div>Ácido Araquídico/Arachidic acid</div> <div>Ácido Láurico/Lauric acid</div> <div>Ácido Behénico/Behenic acid</div> <div>Ácido Tridecanoico/Tridecanoic acid</div> <div>Ácido Tricosanoico/Tricosanoic acid</div> <div>Ácido Lignocérico/Lignoceric acid</div> </div> ( $\geq 0,2$ g/100g) Pescados y derivados/Fish and derivatives<br>( $\geq 0,05$ g/100g) Resto/Rest | ALI0035 Rev.23<br><i>Método interno In-house method</i>                                           |

| PRODUCTO/MATERIAL<br>A ENSAYAR<br><i>PRODUCTS/MATERIALS<br/>TESTED</i>                                                                                             | ENSAYO<br><i>TYPE OF TEST</i>                                                                                                                                                                                                                                                       | NORMA/PROCEDIMIENTO<br>DE ENSAYO<br><i>STANDARD SPECIFICATIONS/<br/>TEST METHOD</i>                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Frutas y hortalizas con<br>alto contenido en agua y<br>bajo contenido en grasa<br><i>Fruits and vegetables with<br/>high water content and low<br/>fat content</i> | Nitratos por cromatografía iónica con detector de conductividad<br><i>Nitrates by ion chromatography with conductivity detector</i><br>(≥ 10mg/kg)                                                                                                                                  | FOL2010<br><i>Método interno conforme a<br/>In-house method according to<br/>Reglamento (CE) 1882/2006<br/>Regulation (CE) 1882/2006</i> |
| Suelos<br><i>Soil</i>                                                                                                                                              | Aniones en el extracto acuoso 1:2 (p/v) por cromatografía iónica con<br>detector de conductividad<br><i>Anions in water extract 1:2 (w/v) by ionic chromatography</i><br><i>Cloruro/Chloride (≥ 10 mg/kg) Sulfato /Sulphate (≥ 10 mg/kg)</i><br><i>Nitrato /Nitrate (≥ 2 mg/kg)</i> | IC-100<br><i>Método interno basado en<br/>In-house method based on<br/>UNE-EN ISO 10304-1</i>                                            |

## DEPARTAMENTO CROMATOGRFIA/CHROMATOGRAPHY DEPARTMENT

## Análisis mediante métodos basados en técnicas cromatográficas

## Analysis by methods based on chromatographical techniques

| PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED                                               |                           |                                                                                                                                                                                     |                 |                      |                      |
|-------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|----------------------|
| Frutas y hortalizas con alto contenido en agua, y alto contenido en ácido y agua                      |                           | Fruits and vegetables with high water content and high acid and water content                                                                                                       |                 |                      |                      |
| Frutos con alto contenido en grasa                                                                    |                           | Fruits with high fat content                                                                                                                                                        |                 |                      |                      |
| Frutos secos                                                                                          |                           | Nuts                                                                                                                                                                                |                 |                      |                      |
| Cereales                                                                                              |                           | Cereals                                                                                                                                                                             |                 |                      |                      |
| Legumbres                                                                                             |                           | Legumes                                                                                                                                                                             |                 |                      |                      |
| Aceites de oliva                                                                                      |                           | Olive oils                                                                                                                                                                          |                 |                      |                      |
| Vino                                                                                                  |                           | Wine                                                                                                                                                                                |                 |                      |                      |
| Zumos                                                                                                 |                           | Juices                                                                                                                                                                              |                 |                      |                      |
| Alimentos a base de frutas y hortalizas con alto contenido en agua                                    |                           | Foods based on fruits and vegetables with high water content                                                                                                                        |                 |                      |                      |
| Alimentos a base de frutas y hortalizas con alto contenido en azúcares                                |                           | Foods based on fruits and vegetables with high sugar content                                                                                                                        |                 |                      |                      |
| Alimentos a base de frutas y hortalizas con alto contenido en grasa                                   |                           | Foods based on fruits and vegetables with high fat water content                                                                                                                    |                 |                      |                      |
| Purés y cremas a base de frutas y hortalizas                                                          |                           | Purees and creams based on fruits and vegetables                                                                                                                                    |                 |                      |                      |
| Material Vegetal                                                                                      |                           | Vegetal Material                                                                                                                                                                    |                 |                      |                      |
| (LPE) <sup>(1)</sup>                                                                                  |                           |                                                                                                                                                                                     |                 |                      |                      |
| NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD                                   |                           |                                                                                                                                                                                     |                 |                      |                      |
| CRV0101                                                                                               |                           | Método interno conforme a/In-house method according to Documento SANTE Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed |                 |                      |                      |
| ENSAYO - TYPE OF TEST                                                                                 |                           |                                                                                                                                                                                     |                 |                      |                      |
| Residuos de plaguicidas por cromatografía de gases con detector de espectrometría de masas (GC-MS/MS) |                           |                                                                                                                                                                                     |                 |                      |                      |
| Pesticide residues by gas chromatography mass spectrometry (GC-MS/MS)                                 |                           |                                                                                                                                                                                     |                 |                      |                      |
| 1,4-dimetilnaftaleno                                                                                  | 1,4-Dimethylnaphthalene   | Bifentrina                                                                                                                                                                          | Bifenthrin      | Ciprodinilo          | Cyprodinil           |
| 2-Ceto-etofumesato                                                                                    | 2-keto-ethofumesate       | Bitertanol                                                                                                                                                                          | Bitertanol      | Clodinafop-propargyl | Clodinafop-propargyl |
| 2-fenilfenol                                                                                          | 2-phenylphenol            | Boscalida                                                                                                                                                                           | Boscalid        | Clomazona            | Clomazone            |
| 4,4'-Dichlorobenzophenone                                                                             | 4,4'-Dichlorobenzophenone | Bromacil                                                                                                                                                                            | Bromacil        | Cloquintocet mexyl   | Cloquintocet mexyl   |
| 4-Chloro-3-methylphenol                                                                               | 4-Chloro-3-methylphenol   | Bromofós-etilo                                                                                                                                                                      | Bromophos-ethyl | Clordano             | Chlordane            |
| Acetocloro                                                                                            | Acetochlor                | Bromophos                                                                                                                                                                           | Bromophos       | Clorfenapir          | Chlorfenapyr         |
| Aclonifen                                                                                             | Aclonifen                 | Bromopropilato                                                                                                                                                                      | Bromopropylate  | Clorfenvinfós        | Chlorfenvinphos      |
| Acrinatrina                                                                                           | Acrinathrin               | Bupirimato                                                                                                                                                                          | Bupirimate      | Clorobencilato       | Chlorobenzilate      |
| Ad-67                                                                                                 | Ad-67                     | Butachlor                                                                                                                                                                           | Butachlor       | Clorobenside         | Chlorbenside         |
| Aldrín y Dieldrín                                                                                     | Aldrin and Dieldrin       | Butafenacil                                                                                                                                                                         | Butafenacil     | Clorofensón          | Chlorfenson          |
| Antraquinona                                                                                          | Anthraquinone             | Butilato                                                                                                                                                                            | Butylate        | Clorpirifos          | Chlorpyrifos         |
| Atrazina                                                                                              | Atrazine                  | Cadusafos                                                                                                                                                                           | Cadusafos       | Clorpirifós-metilo   | Chlorpyrifos-methyl  |
| Azaconazole                                                                                           | Azaconazole               | Carbophenothion                                                                                                                                                                     | Carbophenothion | Clorprofam           | Chlorpropham         |
| Azoxistrobina                                                                                         | Azoxystrobin              | Chlormephos                                                                                                                                                                         | Chlormephos     | Clortal dimetil      | Chlorthal-dimethyl   |
| Beflubutamida                                                                                         | Beflubutamida             | Chloroneb                                                                                                                                                                           | Chloroneb       | Cresoxim-metilo      | Kresoxim-methyl      |
| Benazolin                                                                                             | Benazolin                 | Chlorthiophos                                                                                                                                                                       | Chlorthiophos   | Crimidine            | Crimidine            |
| Benfuresate                                                                                           | Benfuresate               | Ciflufenamida                                                                                                                                                                       | Cyflufenamid    | Cyanophos            | Cyanophos            |
| Benodanil                                                                                             | Benodanil                 | Ciflutrin                                                                                                                                                                           | Cyfluthrin      | Deltametrina         | Deltamethrin         |
| Benoxacor                                                                                             | Benoxacor                 | Cihalofof-butilo                                                                                                                                                                    | Cyhalofof-butyl | Desmetryn            | Desmetryn            |
| Bentiavalicarbo-isopropilo                                                                            | Bentiavalicarb-isopropyl  | Cipermetrina                                                                                                                                                                        | Cypermethrin    | Dialato              | Di-allate            |
| Benzoilprop                                                                                           | Benzoilprop               | Ciproconazol                                                                                                                                                                        | Cyproconazole   | Diazinón             | Diazinon             |

(1) "El Laboratorio dispone de una Lista Pública de Ensayo (LPE) a disposición del cliente, indicando las matrices concretas según se establece en la Nota Técnica 19 de ENAC". (1) "The Laboratory possesses a Public list of tests (LPE) available to customers, according to ENAC Technical Note 19"

Código Validación Electrónica: yZ16eoPajnBI6s4319

La acreditación mantiene su vigencia hasta notificación en contra. La presente acreditación está sujeta a modificaciones, suspensiones temporales y retirada.

Su vigencia puede confirmarse en <https://www.enac.es/web/enac/validacion-electronica> o haciendo clic [aquí](#)

## PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED

|                                                                                  |                                                                                      |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Frutas y hortalizas con alto contenido en agua, y alto contenido en ácido y agua | <i>Fruits and vegetables with high water content and high acid and water content</i> |
| Frutos con alto contenido en grasa                                               | <i>Fruits with high fat content</i>                                                  |
| Frutos secos                                                                     | <i>Nuts</i>                                                                          |
| Cereales                                                                         | <i>Cereals</i>                                                                       |
| Legumbres                                                                        | <i>Legumes</i>                                                                       |
| Aceites de oliva                                                                 | <i>Olive oils</i>                                                                    |
| Vino                                                                             | <i>Wine</i>                                                                          |
| Zumos                                                                            | <i>Juices</i>                                                                        |
| Alimentos a base de frutas y hortalizas con alto contenido en agua               | <i>Foods based on fruits and vegetables with high water content</i>                  |
| Alimentos a base de frutas y hortalizas con alto contenido en azúcares           | <i>Foods based on fruits and vegetables with high sugar content</i>                  |
| Alimentos a base de frutas y hortalizas con alto contenido en grasa              | <i>Foods based on fruits and vegetables with high fat water content</i>              |
| Purés y cremas a base de frutas y hortalizas                                     | <i>Purees and creams based on fruits and vegetables</i>                              |
| Material Vegetal                                                                 | <i>Vegetal Material</i>                                                              |
| <b>(LPE) <sup>(1)</sup></b>                                                      |                                                                                      |

## NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD

|         |                                                                                                                                                                                            |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CRV0101 | <i>Método interno conforme a/In-house method according to Documento SANTE Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed</i> |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## ENSAYO - TYPE OF TEST

Residuos de plaguicidas por cromatografía de gases con detector de espectrometría de masas (GC-MS/MS)

*Pesticide residues by gas chromatography mass spectrometry (GC-MS/MS)*

|                 |                         |                                     |                                            |                                       |                                              |
|-----------------|-------------------------|-------------------------------------|--------------------------------------------|---------------------------------------|----------------------------------------------|
| Dichlofenthion  | <i>Dichlofenthion</i>   | Etofumesato                         | <i>Ethofumesate</i>                        | Fluopicolide                          | <i>Fluopicolide</i>                          |
| Diclobenilo     | <i>Diclobenil</i>       | Etoprofos                           | <i>Ethoprophos</i>                         | Fluquinconazol                        | <i>Fluquinconazole</i>                       |
| Diclobutrazol   | <i>Diclobutrazol</i>    | Etoaxazol                           | <i>Etoaxazole</i>                          | Fluridone                             | <i>Fluridone</i>                             |
| Diclorán        | <i>Dicloran</i>         | Etridiazol                          | <i>Etridiazole</i>                         | Flurtamona                            | <i>Flurtamone</i>                            |
| Dietofencarb    | <i>Diethofencarb</i>    | Etrimfos                            | <i>Etrimfos</i>                            | Flusilazol                            | <i>Flusilazole</i>                           |
| Difenamida      | <i>Diphenamid</i>       | Fenpropatrina                       | <i>Fenpropathrin</i>                       | Flutolanil                            | <i>Flutolanil</i>                            |
| Difenilamina    | <i>Diphenylamine</i>    | Fenamidona                          | <i>Fenamidone</i>                          | Flutriafol                            | <i>Flutriafol</i>                            |
| Difenoconazol   | <i>Difenoconazole</i>   | Fenarimol                           | <i>Fenarimol</i>                           | Fonofos                               | <i>Fonofos</i>                               |
| Diflufenicán    | <i>Diflufenican</i>     | Fenazaquina                         | <i>Fenazaquin</i>                          | Forato                                | <i>Phorate</i>                               |
| Dimepiperate    | <i>Dimepiperate</i>     | Fenbuconazol                        | <i>Fenbuconazole</i>                       | Furalaxyl                             | <i>Furalaxyl</i>                             |
| Dimetenamida    | <i>Dimethenamid</i>     | Fenclorfos                          | <i>Fenchlorphos</i>                        | Halfenprox (brofenprox)               | <i>Halfenprox (brofenprox)</i>               |
| Dimoxistrobina  | <i>Dimoxystrobin</i>    | Fenitrotión                         | <i>Fenitrothion</i>                        | Haloxifop-methyl                      | <i>Haloxifop-methyl</i>                      |
| Diniconazol     | <i>Diniconazole</i>     | Fenobucarb                          | <i>Fenobucarb</i>                          | Heptacloro (incl. Heptacloro-epóxido) | <i>Heptachlor (incl. Heptachlor epoxide)</i> |
| Dinitramine     | <i>Dinitramine</i>      | Fenpiclonil                         | <i>Fenpiclonil</i>                         | Heptenophos                           | <i>Heptenophos</i>                           |
| Dipropetryn     | <i>Dipropetryn</i>      | Fenpropimorfo                       | <i>Fenpropimorph</i>                       | Hexaclorobenceno                      | <i>Hexachlorobenzene</i>                     |
| Endosulfan alfa | <i>Endosulfan-alpha</i> | Fenson (fenizon)                    | <i>Fenson (fenizon)</i>                    | Hexaclorociclohexano (HCH) alfa       | <i>Hexachlorocyclohexane (HCH) alpha</i>     |
| Endosulfan beta | <i>Endosulfan beta</i>  | Fentoato                            | <i>Phenthoate</i>                          | Hexaclorociclohexano (HCH) beta       | <i>Hexachlorocyclohexane (HCH) beta</i>      |
| Endrin          | <i>Endrin</i>           | Fenvalerato (incl. Esfenvalerato)   | <i>Fenvalerate (incl. Esfenvalerate)</i>   | Hexaclorociclohexano (HCH) delta      | <i>Hexachlorocyclohexane (HCH) delta</i>     |
| Epoxiconazol    | <i>Epoxiconazole</i>    | Fipronil (Incl. F.Sulfona[MB46136]) | <i>Fipronil (Incl. F.Sulfona[MB46136])</i> | Hexaconazol                           | <i>Hexaconazole</i>                          |
| Espiromesifeno  | <i>Spiromesifen</i>     | Flamprop-isopropyl                  | <i>Flamprop-isopropyl</i>                  | Iprobenfos                            | <i>Iprobenfos</i>                            |
| Etaconazole     | <i>Etaconazole</i>      | Fluacrypyrim                        | <i>Fluacrypyrim</i>                        | Iprovalicarb                          | <i>Iprovalicarb</i>                          |
| Etafluralina    | <i>Ethalfuralin</i>     | Fludioxonil                         | <i>Fludioxonil</i>                         | Irgarol                               | <i>Irgarol</i>                               |
| Etion           | <i>Ethion</i>           | Flumetralina                        | <i>Flumetralin</i>                         | Isazofos                              | <i>Isazofos</i>                              |
| Etofenprox      | <i>Etofenprox</i>       | Flumioxazina                        | <i>Flumioxazine</i>                        | Isodrin                               | <i>Isodrin</i>                               |

**(1)"El Laboratorio dispone de una Lista Pública de Ensayo (LPE) a disposición del cliente, indicando las matrices concretas según se establece en la Nota Técnica 19 de ENAC".(1)"The Laboratory possesses a Public list of tests (LPE) available to customers, according to ENACTechnical Note 19**

**PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED**

|                                                                                  |                                                                                      |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Frutas y hortalizas con alto contenido en agua, y alto contenido en ácido y agua | <i>Fruits and vegetables with high water content and high acid and water content</i> |
| Frutos con alto contenido en grasa                                               | <i>Fruits with high fat content</i>                                                  |
| Frutos secos                                                                     | <i>Nuts</i>                                                                          |
| Cereales                                                                         | <i>Cereals</i>                                                                       |
| Legumbres                                                                        | <i>Legumes</i>                                                                       |
| Aceites de oliva                                                                 | <i>Olive oils</i>                                                                    |
| Vino                                                                             | <i>Wine</i>                                                                          |
| Zumos                                                                            | <i>Juices</i>                                                                        |
| Alimentos a base de frutas y hortalizas con alto contenido en agua               | <i>Foods based on fruits and vegetables with high water content</i>                  |
| Alimentos a base de frutas y hortalizas con alto contenido en azúcares           | <i>Foods based on fruits and vegetables with high sugar content</i>                  |
| Alimentos a base de frutas y hortalizas con alto contenido en grasa              | <i>Foods based on fruits and vegetables with high fat water content</i>              |
| Purés y cremas a base de frutas y hortalizas                                     | <i>Purees and creams based on fruits and vegetables</i>                              |
| Material Vegetal                                                                 | <i>Vegetal Material</i>                                                              |
| <b>(LPE) <sup>(1)</sup></b>                                                      |                                                                                      |

**NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD**

|         |                                                                                                                                                                                            |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CRV0101 | <i>Método interno conforme a/In-house method according to Documento SANTE Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed</i> |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**ENSAYO - TYPE OF TEST**

Residuos de plaguicidas por cromatografía de gases con detector de espectrometría de masas (GC-MS/MS)

*Pesticide residues by gas chromatography mass spectrometry (GC-MS/MS)*

|                                             |                                                     |                    |                           |                            |                                   |
|---------------------------------------------|-----------------------------------------------------|--------------------|---------------------------|----------------------------|-----------------------------------|
| Isofenphos                                  | <i>Isofenphos</i>                                   | Oxadixilo          | <i>Oxadixyl</i>           | Propacloro                 | <i>Propachlor</i>                 |
| Isofenphos-methyl                           | <i>Isofenphos-methyl</i>                            | Oxifluorfen        | <i>Oxyfluorfen</i>        | Propanil                   | <i>Propanil</i>                   |
| Isopropalin                                 | <i>Isopropalin</i>                                  | p,p'-DDE           | <i>p,p'-DDE</i>           | Propaphos                  | <i>Propaphos</i>                  |
| Isoprothiolano                              | <i>Isoprothiolane</i>                               | p,p'-TDE (DDD)     | <i>p,p'-TDE (DDD)</i>     | Propargita                 | <i>Propargite</i>                 |
| Isoxadifen-ethyl                            | <i>Isoxadifen-ethyl</i>                             | p,p'-TDE (DDD)     | <i>p,p'-TDE (DDD)</i>     | Propazine                  | <i>Propazine</i>                  |
| Lambda-cihalotrina(incl. gamma-cihalotrina) | <i>Lambda-cyhalothrin (incl. Gamma-cyhalothrin)</i> | Paratión           | <i>Parathion</i>          | Propetamphos               | <i>Propetamphos</i>               |
| Lindano                                     | <i>Lindane</i>                                      | Paratión-metilo    | <i>Parathion-methyl</i>   | Propiconazol               | <i>Propiconazole</i>              |
| Malatión                                    | <i>Malathion</i>                                    | Penconazol         | <i>Penconazole</i>        | Propizamida                | <i>Propyzamide</i>                |
| Mecarbam                                    | <i>Mecarbam</i>                                     | Pendimetalina      | <i>Pendimethalin</i>      | Propoxur                   | <i>Propoxur</i>                   |
| Mefenpyr-ethyl                              | <i>Mefenpyr-ethyl</i>                               | Pentachloroanisole | <i>Pentachloroanisole</i> | Proquinazid                | <i>Proquinazid</i>                |
| Mepronilo                                   | <i>Mepronil</i>                                     | Picolinafeno       | <i>Picolinafen</i>        | Prosulfocarb               | <i>Prosulfocarb</i>               |
| Metalaxilo (incl. metalaxilo-M)             | <i>Metalaxyl (incl. Metalaxyl-M)</i>                | Picoxistrobina     | <i>Picoxystrobin</i>      | Prothioconazol destio      | <i>Prothioconazole desthio</i>    |
| Methoprottryne                              | <i>Methoprottryne</i>                               | Piperonyl butoxide | <i>Piperonyl butoxide</i> | Prothiofos                 | <i>Prothiofos</i>                 |
| Metoxicloro                                 | <i>Methoxychlor</i>                                 | Pirafufen-etoilo   | <i>Pyraflufen-ethyl</i>   | Pyrifenox                  | <i>Pyrifenox</i>                  |
| Metrafenona                                 | <i>Metrafenone</i>                                  | Piridabén          | <i>Pyridaben</i>          | Quinalfós                  | <i>Quinalphos</i>                 |
| Mevinfós                                    | <i>Mevinphos</i>                                    | Pirimetanil        | <i>Pyrimethanil</i>       | Quinoxifeno                | <i>Quinoxifen</i>                 |
| Miclobutanil                                | <i>Myclobutanyl</i>                                 | Pirimifos-metil    | <i>Pirimiphos-methyl</i>  | Quintozone                 | <i>Quintozone</i>                 |
| Mirex                                       | <i>Mirex</i>                                        | Pirimifos-ethyl    | <i>Pirimiphos-ethyl</i>   | (incl.pentachloro-aniline) | <i>(incl.pentachloro-aniline)</i> |
| Napropamida                                 | <i>Napropamide</i>                                  | Piriofenona        | <i>Pyriofenone</i>        | Secbumeton                 | <i>Secbumeton</i>                 |
| Nitrofen                                    | <i>Nitrofen</i>                                     | Piriproxifén       | <i>Pyriproxifen</i>       | Silafluofen                | <i>Silafluofen</i>                |
| Nitrotal-isopropil                          | <i>Nitrotal-isopropil</i>                           | Plifenate          | <i>Plifenate</i>          | Siltiofam                  | <i>Siltiofam</i>                  |
| Nuarimol                                    | <i>Nuarimol</i>                                     | Procimidona        | <i>Procymidone</i>        | Simetryn                   | <i>Simetryn</i>                   |
| o,p'-DDD                                    | <i>o,p'-DDD</i>                                     | Profenofós         | <i>Profenofos</i>         | Sulfotep                   | <i>Sulfotep</i>                   |
| o,p'-DDE                                    | <i>o,p'-DDE</i>                                     | Prometon           | <i>Prometon</i>           | Sulprofos                  | <i>Sulprofos</i>                  |
| Oxadiazón                                   | <i>Oxadiazon</i>                                    | Prometryn          | <i>Prometryn</i>          | Tau fluvalinato            | <i>Tau-fluvalinate</i>            |
|                                             |                                                     |                    |                           | Tebuconazol                | <i>Tebuconazole</i>               |

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## PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED

|                                                                                  |                                                                                      |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Frutas y hortalizas con alto contenido en agua, y alto contenido en ácido y agua | <i>Fruits and vegetables with high water content and high acid and water content</i> |
| Frutos con alto contenido en grasa                                               | <i>Fruits with high fat content</i>                                                  |
| Frutos secos                                                                     | <i>Nuts</i>                                                                          |
| Cereales                                                                         | <i>Cereals</i>                                                                       |
| Legumbres                                                                        | <i>Legumes</i>                                                                       |
| Aceites de oliva                                                                 | <i>Olive oils</i>                                                                    |
| Vino                                                                             | <i>Wine</i>                                                                          |
| Zumos                                                                            | <i>Juices</i>                                                                        |
| Alimentos a base de frutas y hortalizas con alto contenido en agua               | <i>Foods based on fruits and vegetables with high water content</i>                  |
| Alimentos a base de frutas y hortalizas con alto contenido en azúcares           | <i>Foods based on fruits and vegetables with high sugar content</i>                  |
| Alimentos a base de frutas y hortalizas con alto contenido en grasa              | <i>Foods based on fruits and vegetables with high fat water content</i>              |
| Purés y cremas a base de frutas y hortalizas                                     | <i>Purees and creams based on fruits and vegetables</i>                              |
| Material Vegetal                                                                 | <i>Vegetal Material</i>                                                              |
| <b>(LPE) <sup>(1)</sup></b>                                                      |                                                                                      |

## NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD

|         |                                                                                                                                                                                            |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CRV0101 | <i>Método interno conforme a/In-house method according to Documento SANTE Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed</i> |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## ENSAYO - TYPE OF TEST

Residuos de plaguicidas por cromatografía de gases con detector de espectrometría de masas (GC-MS/MS)  
*Pesticide residues by gas chromatography mass spectrometry (GC-MS/MS)*

|              |                      |                 |                         |                                               |                                                      |
|--------------|----------------------|-----------------|-------------------------|-----------------------------------------------|------------------------------------------------------|
| Tebufenpirad | <i>Tebufenpyrad</i>  | Tetramethrin    | <i>Tetramethrin</i>     | Triallato                                     | <i>Tri-allate</i>                                    |
| Tecnaceno    | <i>Tecnazene</i>     | Tetrasul        | <i>Tetrasul</i>         | Tribufos (s,s,s-tributyl-phosphorotrithioate) | <i>Tribufos (s,s,s-tributyl-phosphorotrithioate)</i> |
| Teflutrina   | <i>Tefluthrin</i>    | Thiazopyr       | <i>Thiazopyr</i>        | Tricresyl phosphate                           | <i>Tricresyl phosphate</i>                           |
| Terbutol     | <i>Terbutol</i>      | Thiometon       | <i>Thiometon</i>        | Trifloxistrobina                              | <i>Trifloxystrobin</i>                               |
| Terbutryn    | <i>Terbutryn</i>     | Tiobencarb      | <i>Thiobencarb</i>      | Trifluralina                                  | <i>Trifluralin</i>                                   |
| Tetraconazol | <i>Tetraconazole</i> | Tolclofos metil | <i>Tolclofos-methyl</i> | Vinclozolina                                  | <i>Vinclozolin</i>                                   |
| Tetradifón   | <i>Tetradifon</i>    | Transfluthrin   | <i>Transfluthrin</i>    |                                               |                                                      |

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| ad Nacional de Acreditación                                                                              |                                            | PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED                                                                                                                             |                     |                        |                        |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|------------------------|
| Frutas y hortalizas con alto contenido en agua, y alto contenido en ácido y agua                         |                                            | Fruits and vegetables with high water content and high acid and water content                                                                                                       |                     |                        |                        |
| Cereales                                                                                                 |                                            | Cereals                                                                                                                                                                             |                     |                        |                        |
| Legumbres                                                                                                |                                            | Legumes                                                                                                                                                                             |                     |                        |                        |
| Vino                                                                                                     |                                            | Wine                                                                                                                                                                                |                     |                        |                        |
| Zumos                                                                                                    |                                            | Juices                                                                                                                                                                              |                     |                        |                        |
| Alimentos a base de frutas y hortalizas con alto contenido en agua                                       |                                            | Foods based on fruits and vegetables with high water content                                                                                                                        |                     |                        |                        |
| Alimentos a base de frutas y hortalizas con alto contenido en azúcares                                   |                                            | Foods based on fruits and vegetables with high sugar content                                                                                                                        |                     |                        |                        |
| Alimentos a base de frutas y hortalizas con alto contenido en grasa                                      |                                            | Foods based on fruits and vegetables with high fatwater content                                                                                                                     |                     |                        |                        |
| Purés y cremas a base de frutas y hortalizas                                                             |                                            | Purés y cremas a base de frutas y hortalizas                                                                                                                                        |                     |                        |                        |
| Material Vegetal                                                                                         |                                            | Vegetal Material                                                                                                                                                                    |                     |                        |                        |
| (LPE) <sup>(1)</sup>                                                                                     |                                            |                                                                                                                                                                                     |                     |                        |                        |
| NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD                                      |                                            |                                                                                                                                                                                     |                     |                        |                        |
| CRV3000                                                                                                  |                                            | Método interno conforme a/In-house method according to Documento SANTE Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed |                     |                        |                        |
| ENSAYO - TYPE OF TEST                                                                                    |                                            |                                                                                                                                                                                     |                     |                        |                        |
| Residuos de plaguicidas por cromatografía de líquidos con detector de espectrometría de masas (LC-MS/MS) |                                            |                                                                                                                                                                                     |                     |                        |                        |
| Pesticide residues by liquid chromatography mass spectrometry (LC-MS/MS)                                 |                                            |                                                                                                                                                                                     |                     |                        |                        |
| 1-naftilacetamida                                                                                        | 1-Naphthylacetamide                        | Ciazofamida                                                                                                                                                                         | Cyazofamid          | DMSA                   | DMSA                   |
| 2,4-D                                                                                                    | 2,4-D                                      | Ciclanilida                                                                                                                                                                         | Cyclanilide         | DMST                   | DMST                   |
| Abamectina                                                                                               | Abamectin                                  | Cicloxdim                                                                                                                                                                           | Cycloxydim          | DNOC                   | DNOC                   |
| Acefato                                                                                                  | Acephate                                   | Ciflumetofeno                                                                                                                                                                       | Cyflumetofen        | Dodemorf               | Dodemorph              |
| Acetamiprid                                                                                              | Acetamiprid                                | Cimoxanilo                                                                                                                                                                          | Cymoxanil           | Dodina                 | Dodine                 |
| Acibenzolar-S-metilo                                                                                     | Acibenzolar-S-methyl                       | Cinidón-etilo                                                                                                                                                                       | Cinidon-ethyl       | EPTC                   | EPTC                   |
| Ácido giberélico                                                                                         | Gibberellic acid                           | Cinosulfuron                                                                                                                                                                        | Cinosulfuron        | Espinetoram            | Spinetoram             |
| Ácido Oxonílico                                                                                          | Oxolinic Acid                              | Cletodim                                                                                                                                                                            | Clethodim           | Espinosad              | Spinosad               |
| Albendazole                                                                                              | Albendazole                                | Clofentezina                                                                                                                                                                        | Clofentezine        | Espirotetramat         | Spirotetramate         |
| Aldicarb (incl. A.sulfóxido y A.sulfona)                                                                 | Aldicarb (incl. A.sulfoxide and A.sulfone) | Clorantraniliprole                                                                                                                                                                  | Chlorantraniliprole | Espirodiclofeno        | Spirodiclofen          |
| Allethrin                                                                                                | Allethrin                                  | Cloridazona                                                                                                                                                                         | Chloridazon         | Espiroxamina           | Spiroxamine            |
| Ametoctradina                                                                                            | Ametoctradin                               | Cloroxurón                                                                                                                                                                          | Chloroxuron         | Ethidimuron            | Ethidimuron            |
| Ametryn                                                                                                  | Ametryn                                    | Coumachlor                                                                                                                                                                          | Coumachlor          | Ethiofencarb           | Ethiofencarb           |
| Aminocarb                                                                                                | Aminocarb                                  | Cycloate                                                                                                                                                                            | Cycloate            | Ethiofencarb sulfoxide | Ethiofencarb sulfoxide |
| Ancymidol                                                                                                | Ancymidol                                  | Cyclosulfamuron                                                                                                                                                                     | Cyclosulfamuron     | Ethiprole              | Ethiprole              |
| Atrazine-2-Hydroxy                                                                                       | Atrazine-2-hydroxy                         | Cymiazole                                                                                                                                                                           | Cymiazole           | Etirimol               | Ethirimol              |
| Atrazine-desethyl                                                                                        | Atrazine-desethyl                          | Demeton-S-methyl                                                                                                                                                                    | Demeton-S-methyl    | Famoxadona             | Famoxadone             |
| Azadiractina                                                                                             | Azadirachtin                               | Desmedifam                                                                                                                                                                          | Desmedipham         | Fenhexamida            | Fenhexamid             |
| Bendiocarb                                                                                               | Bendiocarb                                 | Diclorimid                                                                                                                                                                          | Diclorimid          | Fenoxaprop-P           | Fenoxaprop-p           |
| Bensulide                                                                                                | Bensulide                                  | Diclorprop                                                                                                                                                                          | Dichlorprop         | Fenoxicarb             | Fenoxycarb             |
| Benzthiazuron                                                                                            | Benzthiazuron                              | Diclorvos                                                                                                                                                                           | Dichlorvos          | Fenpirazamina          | Fenpyrazamine          |
| Bispyribac                                                                                               | Bispyribac                                 | Diclotophos                                                                                                                                                                         | Diclotophos         | Fenpiroximato          | Fenpyroximate          |
| Bromoxinil                                                                                               | Bromoxynil                                 | Difenoxuron                                                                                                                                                                         | Difenoxuron         | Fenpropidina           | Fenpropidin            |
| Buturon                                                                                                  | Buturon                                    | Diflubenzurón                                                                                                                                                                       | Diflubenzuron       | Fensulfothion          | Fensulfothion          |
| Cambendazole                                                                                             | Cambendazole                               | Dimetoato                                                                                                                                                                           | Dimethoate          | Fention                | Fenthion               |
| Carbaril                                                                                                 | Carbaryl                                   | Dimetomorfo                                                                                                                                                                         | Dimethomorph        | Fention oxon           | Fenthion oxon          |
| Carbendazina                                                                                             | Carbendazim                                | Dinoseb                                                                                                                                                                             | Dinoseb             | Fention oxon-sulfóxi   | Fenthion oxonsulfoxid  |
| Carbetamida                                                                                              | Carbetamide                                | Dioxatión                                                                                                                                                                           | Dioxathion          | Fention oxonsulfona    | Fenthionoxonsulfone    |
| Carbofurano                                                                                              | Carbofuran                                 | Disulfoton                                                                                                                                                                          | Disulfoton          | Fention sulfona        | Fenthion sulfone       |
| Carfentrazona-etilo                                                                                      | Carfentrazone-ethyl                        | Disulfotonsulfona                                                                                                                                                                   | Disulfoton-sulfone  | Fention sulfóxido      | Fenthion sulfoxide     |
| Ciantraniliprol                                                                                          | Cyantraniliprole                           | Diurón                                                                                                                                                                              | Diuron              | Fenuron                | Fenuron                |

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| ad Nacional de Acreditación                                                                              |                   | PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED                                                                                                                             |                      |                                                  |                                                   |
|----------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------|---------------------------------------------------|
| Frutas y hortalizas con alto contenido en agua, y alto contenido en ácido y agua                         |                   | Fruits and vegetables with high water content and high acid and water content                                                                                                       |                      |                                                  |                                                   |
| Cereales                                                                                                 |                   | Cereals                                                                                                                                                                             |                      |                                                  |                                                   |
| Legumbres                                                                                                |                   | Legumes                                                                                                                                                                             |                      |                                                  |                                                   |
| Vino                                                                                                     |                   | Wine                                                                                                                                                                                |                      |                                                  |                                                   |
| Zumos                                                                                                    |                   | Juices                                                                                                                                                                              |                      |                                                  |                                                   |
| Alimentos a base de frutas y hortalizas con alto contenido en agua                                       |                   | Foods based on fruits and vegetables with high water content                                                                                                                        |                      |                                                  |                                                   |
| Alimentos a base de frutas y hortalizas con alto contenido en azúcares                                   |                   | Foods based on fruits and vegetables with high sugar content                                                                                                                        |                      |                                                  |                                                   |
| Alimentos a base de frutas y hortalizas con alto contenido en grasa                                      |                   | Foods based on fruits and vegetables with high fatwater content                                                                                                                     |                      |                                                  |                                                   |
| Purés y cremas a base de frutas y hortalizas                                                             |                   | Purés y cremas a base de frutas y hortalizas                                                                                                                                        |                      |                                                  |                                                   |
| Material Vegetal (LPE) <sup>(1)</sup>                                                                    |                   | Vegetal Material                                                                                                                                                                    |                      |                                                  |                                                   |
| NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD                                      |                   |                                                                                                                                                                                     |                      |                                                  |                                                   |
| CRV3000                                                                                                  |                   | Método interno conforme a/In-house method according to Documento SANTE Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed |                      |                                                  |                                                   |
| ENSAYO - TYPE OF TEST                                                                                    |                   |                                                                                                                                                                                     |                      |                                                  |                                                   |
| Residuos de plaguicidas por cromatografía de líquidos con detector de espectrometría de masas (LC-MS/MS) |                   |                                                                                                                                                                                     |                      |                                                  |                                                   |
| Pesticide residues by liquid chromatography mass spectrometry (LC-MS/MS)                                 |                   |                                                                                                                                                                                     |                      |                                                  |                                                   |
| Flamprop                                                                                                 | Flamprop          | Imazaquina                                                                                                                                                                          | Imazaquin            | Metomilo                                         | Methomyl                                          |
| Flonicamid                                                                                               | Flonicamid        | Imazethapyr                                                                                                                                                                         | Imazethapyr          | Metoxifenoza                                     | Methoxyfenozide                                   |
| Fluacifop-P                                                                                              | Fluazifop-P       | Imibenconazole                                                                                                                                                                      | Imibenconazole       | Metolcarb                                        | Metolcarb                                         |
| Fluacinam                                                                                                | Fluazinam         | Imidacloprid                                                                                                                                                                        | Imidacloprid         | Metoxuron                                        | Metoxuron                                         |
| Fluazifop-P-butyl                                                                                        | Fluazifop-P-butyl | Indoxacarb                                                                                                                                                                          | Indoxacarb           | Metsulfurón metilo                               | Metsulfuron-methyl                                |
| Flufenacet                                                                                               | Flufenacet        | Isopirazam                                                                                                                                                                          | Isopirazam           | Molinato                                         | Molinate                                          |
| Flufencina                                                                                               | Flufenzin         | Isoprocarb                                                                                                                                                                          | Isoprocarb           | Monolinurón                                      | Monolinuron                                       |
| Flufenoxurón                                                                                             | Flufenoxuron      | Isoproturón                                                                                                                                                                         | Isoproturón          | Monurón                                          | Monuron                                           |
| Flumetsulam                                                                                              | Flumetsulam       | Isoxabén                                                                                                                                                                            | Isoxaben             | N-(2,4-Dimethylphenyl) formamide                 | N-(2,4-Dimethylphenyl) formamide                  |
| Fluopiram                                                                                                | Fluopyram         | Isoxaflutol                                                                                                                                                                         | Isoxaflutole         | N-2,4-dimethylphenyl-N'-methylformamidine        | N-2,4-dimethylphenyl-N'-methylformamidine         |
| Fluoxastrobina                                                                                           | Fluoxastrobin     | Isoxathion                                                                                                                                                                          | Isoxathion           | Naptalam                                         | Naptalam                                          |
| Flupiradifurona                                                                                          | Flupyradifurone   | Lenacilo                                                                                                                                                                            | Lenacil              | Neburon                                          | Neburon                                           |
| Flurochloridone                                                                                          | Flurochloridone   | Linurón                                                                                                                                                                             | Linuron              | Norflurazon                                      | Norflurazon                                       |
| Fluthiacet-methyl                                                                                        | Fluthiacet-methyl | Malaoxón                                                                                                                                                                            | Malaoxon             | Novalurón                                        | Novaluron                                         |
| Fluxaproxad                                                                                              | Fluxapyroxad      | Mandipropamid                                                                                                                                                                       | Mandipropamid        | Ofurace                                          | Ofurace                                           |
| Forato sulfona                                                                                           | Phorate Sulfone   | Mebendazole                                                                                                                                                                         | Mebendazole          | Ometoato                                         | Omethoate                                         |
| Forato sulfóxido                                                                                         | Phorate Sulfoxide | Mecoprop                                                                                                                                                                            | Mecoprop             | Oxasulfurón                                      | Oxasulfuron                                       |
| Forclorfenurón                                                                                           | Forchlorfenuron   | Mefenacet                                                                                                                                                                           | Mefenacet            | Oxatiapiprolina                                  | Oxathiapiprolin                                   |
| Fosfamidón                                                                                               | Phosphamidon      | Mefentrifluconazol                                                                                                                                                                  | Mefentrifluconazole  | Oxfendazole                                      | Oxfendazole                                       |
| Fosmet oxon                                                                                              | Fosmet oxon       | Mepanipirima                                                                                                                                                                        | Mepanipyrim          | Oxidemetón-metilo (incl. demetón-S-metilsulfona) | Oxydemeton-methyl (incl. demeton-S-methylsulfone) |
| Fostiazato                                                                                               | Fostiazato        | Mesosulfurónmetilo                                                                                                                                                                  | Mesosulfuron- methyl | Paraoxón-metilo                                  | Paraoxon-methyl                                   |
| Foxim                                                                                                    | Phoxim            | Metamidofós                                                                                                                                                                         | Methamidophos        | Pencicurón                                       | Pencycuron                                        |
| Haloxifop                                                                                                | Haloxifop         | Metamitróna                                                                                                                                                                         | Metamitron           | Penflufen                                        | Penflufen                                         |
| Hexazinone                                                                                               | Hexazinone        | Metazaclo                                                                                                                                                                           | Metazachlor          | Penoxsulam                                       | Penoxsulam                                        |
| Hexitiazox                                                                                               | Hexythiazox       | Metiocarb                                                                                                                                                                           | Methiocarb           | Pentiopirad                                      | Penthiopyrad                                      |
| Hidrametilnon                                                                                            | Hydramethylnon    | Metiocarb sulfona                                                                                                                                                                   | Methiocarb sulfone   | Phenisopham                                      | Phenisopham                                       |
| Imazalil                                                                                                 | Imazalil          | Metiocarb sulfóxido                                                                                                                                                                 | Methiocarbsulfoxide  | Pinoxaden                                        | Pinoxaden                                         |
| Imazamethabenz                                                                                           | Imazamethabenz    | Metobromuron                                                                                                                                                                        | Metobromuron         | Piraclostrobina                                  | Pyraclostrobin                                    |
| Imazapyr                                                                                                 | Imazapyr          | Metolaclo                                                                                                                                                                           | Metolachlor          | Pirasulfotole                                    | Pyrasulfotole                                     |

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| ad Nacional de Acreditación                                                                                                                                                          |                                   | PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED                                                                                                                             |                          |                      |                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------------|
| Frutas y hortalizas con alto contenido en agua, y alto contenido en ácido y agua                                                                                                     |                                   | Fruits and vegetables with high water content and high acid and water content                                                                                                       |                          |                      |                       |
| Cereales                                                                                                                                                                             |                                   | Cereals                                                                                                                                                                             |                          |                      |                       |
| Legumbres                                                                                                                                                                            |                                   | Legumes                                                                                                                                                                             |                          |                      |                       |
| Vino                                                                                                                                                                                 |                                   | Wine                                                                                                                                                                                |                          |                      |                       |
| Zumos                                                                                                                                                                                |                                   | Juices                                                                                                                                                                              |                          |                      |                       |
| Alimentos a base de frutas y hortalizas con alto contenido en agua                                                                                                                   |                                   | Foods based on fruits and vegetables with high water content                                                                                                                        |                          |                      |                       |
| Alimentos a base de frutas y hortalizas con alto contenido en azucares                                                                                                               |                                   | Foods based on fruits and vegetables with high sugar content                                                                                                                        |                          |                      |                       |
| Alimentos a base de frutas y hortalizas con alto contenido en grasa                                                                                                                  |                                   | Foods based on fruits and vegetables with high fatwater content                                                                                                                     |                          |                      |                       |
| Purés y cremas a base de frutas y hortalizas                                                                                                                                         |                                   | Purés y cremas a base de frutas y hortalizas                                                                                                                                        |                          |                      |                       |
| Material Vegetal<br>(LPE) <sup>(1)</sup>                                                                                                                                             |                                   | Vegetal Material                                                                                                                                                                    |                          |                      |                       |
| NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD                                                                                                                  |                                   |                                                                                                                                                                                     |                          |                      |                       |
| CRV3000                                                                                                                                                                              |                                   | Método interno conforme a/In-house method according to Documento SANTE Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed |                          |                      |                       |
| ENSAYO - TYPE OF TEST                                                                                                                                                                |                                   |                                                                                                                                                                                     |                          |                      |                       |
| Residuos de plaguicidas por cromatografía de líquidos con detector de espectrometría de masas (LC-MS/MS)<br>Pesticide residues by liquid chromatography mass spectrometry (LC-MS/MS) |                                   |                                                                                                                                                                                     |                          |                      |                       |
| Piridato                                                                                                                                                                             | Pyridate                          | Sulfentrazone                                                                                                                                                                       | Sulfentrazone            | Tiametoxam           | Thiamethoxam          |
| Pirimicarb                                                                                                                                                                           | Pirimicarb                        | Sulfometuron-methyl                                                                                                                                                                 | Sulfometuron- methyl     | Tifensulfurón-metilo | Thifensulfuron-methyl |
| Piroxsulam                                                                                                                                                                           | Pyroxsulam                        | Sulfoxaflor                                                                                                                                                                         | Sulfoxaflor              | Tiodicarb            | Thiodicarb            |
| Procloraz                                                                                                                                                                            | Prochloraz                        | Tebufenocida                                                                                                                                                                        | Tebufenozide             | Tolfenpyrad          | Tolfenpyrad           |
| Procloraz metabolite<br>BTS40348                                                                                                                                                     | Prochloraz metabolite<br>BTS40348 | Tebutiuron                                                                                                                                                                          | Tebuthiuron              | Tralcoxidim          | Tralkoxydim           |
| Promecarb                                                                                                                                                                            | Promecarb                         | Teflubenzurón                                                                                                                                                                       | Teflubenzuron            | Triadimefón          | Triadimefon           |
| Propamocarb                                                                                                                                                                          | Propamocarb                       | Tepraloxidim                                                                                                                                                                        | Tepraloxymdim            | Triasulfurón         | Triasulfuron          |
| Propaquizafop                                                                                                                                                                        | Propaquizafop                     | Terbufos                                                                                                                                                                            | Terbufos                 | Triciclazol          | Tricyclazole          |
| Pyridalyl                                                                                                                                                                            | Pyridalyl                         | Terbufos sulfone                                                                                                                                                                    | Terbufos sulfone         | Triflumizol          | Triflumizole          |
| Pyriethiobac sodium                                                                                                                                                                  | Pyriethiobac sodium               | Terbufos-sulfoxide                                                                                                                                                                  | Terbufos-sulfoxide       | Triforina            | Triforine             |
| Quinmerac                                                                                                                                                                            | Quinmerac                         | Terbumeton-desethyl                                                                                                                                                                 | Terbumeton- desethyl     | Triticonazol         | Triticonazole         |
| Quizalofop-P-ethyl                                                                                                                                                                   | Quizalofop-P-ethyl                | Terbuthylazine-desethyl                                                                                                                                                             | Terbuthylazine- desethyl | Tritosulfurón        | Tritosulfuron         |
| Resmetrina                                                                                                                                                                           | Resmethrin                        | Terbutilacina                                                                                                                                                                       | Terbuthylazine           | Valifenalato         | Valifenalate          |
| Rotenona                                                                                                                                                                             | Rotenone                          | Thiazafluron                                                                                                                                                                        | Thiazafluron             | Vamidothion          | Vamidothion           |
| Saflufenacil                                                                                                                                                                         | Saflufenacil                      | Thiofanox-sulfoxide                                                                                                                                                                 | Thiofanox-sulfoxide      | Yodosulfurón metilo  | Iodosulfuron-methyl   |
| Simacina                                                                                                                                                                             | Simazine                          | Tiabendazol                                                                                                                                                                         | Thiabendazole            | Zoxamida             | Zoxamide              |
| Sulcotriona                                                                                                                                                                          | Sulcotrione                       | Tiacloprid                                                                                                                                                                          | Thiacloprid              |                      |                       |

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| PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED                                                                                      |                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frutas y hortalizas con alto contenido en agua y bajo contenido en grasa<br>(LPE) <sup>(1)</sup>                                             | Fruits and vegetables with high water content and low fat content                                                                                                                   |
| NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD                                                                          |                                                                                                                                                                                     |
| CRV0420                                                                                                                                      | Método interno conforme a/In-house method according to Documento SANTE Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed |
| ENSAYO - TYPE OF TEST                                                                                                                        |                                                                                                                                                                                     |
| Ditiocarbamatos y disulfuro de tiuram por cromatografía de gases (GC/MS)<br>Dithiocarbamates by gas chromatography mass spectrometry (GC/MS) |                                                                                                                                                                                     |

| PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED                                                                                                                                                                       |                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frutas y hortalizas con alto contenido en agua y alto contenido en ácido y agua<br>Alimentos a base de frutas y hortalizas con alto contenido en agua<br>Purés y cremas a base de frutas y hortalizas<br>(LPE) <sup>(1)</sup> | Fruits and vegetables with high water content high acid and water content<br>Foods based on fruits and vegetables with high water content<br>Purees and creams based on fruits and vegetables |
| NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD                                                                                                                                                           |                                                                                                                                                                                               |
| CRV3800                                                                                                                                                                                                                       | Método interno basado en/In-house method based on QuPPE-PO-Method 1.6                                                                                                                         |
| ENSAYO - TYPE OF TEST                                                                                                                                                                                                         |                                                                                                                                                                                               |
| Glifosato y AMPA by liquid chromatography mass spectrometry (LC-MS/MS)<br>Glyphosate and AMPA by liquid chromatography mass spectrometry (LC-MS/MS)                                                                           |                                                                                                                                                                                               |

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| PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED                                                                                                                                                                                                                |                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frutas y hortalizas con alto contenido en agua y alto contenido en ácido y agua<br>Frutos secos<br>Alimentos a base de frutas y hortalizas con alto contenido en agua<br>Purés y cremas a base de frutas y hortalizas<br>Vino<br>(LPE) <sup>(1)</sup>                  | Fruits and vegetables with high water content high acid and water content<br>Nuts<br>Foods based on fruits and vegetables with high water content<br>Purees and creams based on fruits and vegetables<br>Wine |
| NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD                                                                                                                                                                                                    |                                                                                                                                                                                                               |
| CRV3200                                                                                                                                                                                                                                                                | Método interno basado en/In-house method based on QuPPE-PO-Method 1.3                                                                                                                                         |
| ENSAYO - TYPE OF TEST                                                                                                                                                                                                                                                  |                                                                                                                                                                                                               |
| Etefon, ácido fosfónico y sus sales, Clorato y Perclorato por cromatografía de líquidos con detector de espectrometría de masas (LC-MS/MS)<br>Etephon, phosphonic acid and their salts, Chlorate and Perchlorate by liquid chromatography mass spectrometry (LC-MS/MS) |                                                                                                                                                                                                               |

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| PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED                                                                                                                                          |                           |                                                                                                                                                                                           |                     |                                       |                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------------------------|
| Suelos                                                                                                                                                                                           |                           | Soils                                                                                                                                                                                     |                     |                                       |                                       |
| NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD                                                                                                                              |                           |                                                                                                                                                                                           |                     |                                       |                                       |
| CRV0101                                                                                                                                                                                          |                           | Método interno conforme a/In-house method according to<br>Documento SANTE Analytical Quality Control and Method Validation Procedures for<br>Pesticide Residues Analysis in Food and Feed |                     |                                       |                                       |
| ENSAYO - TYPE OF TEST                                                                                                                                                                            |                           |                                                                                                                                                                                           |                     |                                       |                                       |
| Residuos de plaguicidas por cromatografía de gases con detector de espectrometría de masas (GC-MS/MS)<br>Pesticide residues by gas chromatography mass spectrometry (GC-MS/MS)<br>(≥ 0,01 mg/kg) |                           |                                                                                                                                                                                           |                     |                                       |                                       |
| 1,4-dimetilnaftaleno                                                                                                                                                                             | 1,4-Dimethylnaphthalene   | Clorobenside                                                                                                                                                                              | Chlorbenside        | Fenarimol                             | Fenarimol                             |
| 2-Ceto-etofumesato                                                                                                                                                                               | 2-keto-ethofumesate       | Clorofensón                                                                                                                                                                               | Chlorfenson         | Fenazaquina                           | Fenazaquin                            |
| 2-fenilfenol                                                                                                                                                                                     | 2-phenylphenol            | Clorpirifos                                                                                                                                                                               | Chlorpyrifos        | Fenbuconazol                          | Fenbuconazole                         |
| 4,4'-Dichlorobenzophenone                                                                                                                                                                        | 4,4'-Dichlorobenzophenone | Clorpirifós-metilo                                                                                                                                                                        | Chlorpyrifos-methyl | Fenclorfos                            | Fenchlorphos                          |
| Acetocloro                                                                                                                                                                                       | Acetochlor                | Clortal dimetil                                                                                                                                                                           | Chlorthal-dimethyl  | Fenobucarb                            | Fenobucarb                            |
| Acrinatrina                                                                                                                                                                                      | Acrinathrin               | Cresoxim-metilo                                                                                                                                                                           | Kresoxim-methyl     | Fenpropimorfo                         | Fenpropimorph                         |
| AD-67                                                                                                                                                                                            | AD-67                     | Crimidine                                                                                                                                                                                 | Crimidine           | Fenson (fenizon)                      | Fenson (fenizon)                      |
| Aldrín y Dieldrín                                                                                                                                                                                | Aldrin and Dieldrin       | Cyanophos                                                                                                                                                                                 | Cyanophos           | Fentoato                              | Phenthoate                            |
| Atrazine                                                                                                                                                                                         | Atrazine                  | Desmetryn                                                                                                                                                                                 | Desmetryn           | Fenvalerato (incl. Esfenvalerato)     | Fenvalerate (incl. Esfenvalerate)     |
| Azaconazole                                                                                                                                                                                      | Azaconazole               | Diazinón                                                                                                                                                                                  | Diazinon            | Fipronil                              | Fipronil                              |
| Beflubutamida                                                                                                                                                                                    | Beflubutamida             | Dichlofenthion                                                                                                                                                                            | Dichlofenthion      | Flamprop-isopropyl                    | Flamprop-isopropyl                    |
| Benazolin                                                                                                                                                                                        | Benazolin                 | Diclobenilo                                                                                                                                                                               | Dichlobenil         | Fluacrypyrim                          | Fluacrypyrim                          |
| Benfuresate                                                                                                                                                                                      | Benfuresate               | Diclobutrazol                                                                                                                                                                             | Diclobutrazol       | Flumetralina                          | Flumetralin                           |
| Benzoylprop                                                                                                                                                                                      | Benzoylprop               | Difenamida                                                                                                                                                                                | Diphenamid          | Fluopicolide                          | Fluopicolide                          |
| Bitertanol                                                                                                                                                                                       | Bitertanol                | Difenilamina                                                                                                                                                                              | Diphenylamine       | Fluquinconazol                        | Fluquinconazole                       |
| Boscalida                                                                                                                                                                                        | Boscalid                  | Difenoconazol                                                                                                                                                                             | Difenoconazole      | Flusilazol                            | Flusilazole                           |
| Bromofós-etilo                                                                                                                                                                                   | Bromophos-ethyl           | Diflufenicán                                                                                                                                                                              | Diflufenican        | Flutolanil                            | Flutolanil                            |
| Bromophos                                                                                                                                                                                        | Bromophos                 | Dimetenamida                                                                                                                                                                              | Dimethenamid        | Flutriafol                            | Flutriafol                            |
| Bromopropilato                                                                                                                                                                                   | Bromopropylate            | Dimoxistrobina                                                                                                                                                                            | Dimoxystrobin       | Fonofos                               | Fonofos                               |
| Bupirimato                                                                                                                                                                                       | Bupirimate                | Diniconazol                                                                                                                                                                               | Diniconazole        | Forato                                | Phorate                               |
| Butafenacil                                                                                                                                                                                      | Butafenacil               | Dinitramine                                                                                                                                                                               | Dinitramine         | Furalaxyl                             | Furalaxyl                             |
| Cadusafos                                                                                                                                                                                        | Cadusafos                 | Dipropetryn                                                                                                                                                                               | Dipropetryn         | Haloxifop-methyl                      | Haloxifop-methyl                      |
| Carbophenothion                                                                                                                                                                                  | Carbophenothion           | Endosulfan alfa                                                                                                                                                                           | Endosulfan-alpha    | Heptacloro (incl. Heptacloro-epóxido) | Heptachlor (incl. Heptachlor epoxide) |
| Chlormephos                                                                                                                                                                                      | Chlormephos               | Endosulfan beta                                                                                                                                                                           | Endosulfan beta     | Heptenophos                           | Heptenophos                           |
| Chloroneb                                                                                                                                                                                        | Chloroneb                 | Endrin                                                                                                                                                                                    | Endrin              | Hexaclorobenceno                      | Hexachlorobenzene                     |
| Chlorthiophos                                                                                                                                                                                    | Chlorthiophos             | Epoxiconazol                                                                                                                                                                              | Epoxiconazole       | Hexaclorociclohexano (HCH) alfa       | Hexachlorocyclohexane (HCH) alpha     |
| Ciflufenamida                                                                                                                                                                                    | Cyflufenamid              | Espiromesifeno                                                                                                                                                                            | Spiromesifen        | Hexaclorociclohexano (HCH) beta       | Hexachlorocyclohexane (HCH) beta      |
| Ciflutrin                                                                                                                                                                                        | Cyfluthrin                | Etaconazole                                                                                                                                                                               | Etaconazole         | Hexaclorociclohexano (HCH) delta      | Hexachlorocyclohexane (HCH) delta     |
| Cihalofof-butilo                                                                                                                                                                                 | Cyhalofop-butyl           | Etalfluralina                                                                                                                                                                             | Ethalfuralin        | Hexaconazol                           | Hexaconazole                          |
| Cipermetrina                                                                                                                                                                                     | Cypermethrin              | Etion                                                                                                                                                                                     | Ethion              | Iprobenfos                            | Iprobenfos                            |
| Ciproconazol                                                                                                                                                                                     | Cyproconazole             | Etofenprox                                                                                                                                                                                | Etofenprox          | Iprovalicarb                          | Iprovalicarb                          |
| Ciprodinilo                                                                                                                                                                                      | Cyprodinil                | Etofumesato                                                                                                                                                                               | Ethofumesate        | Irgarol                               | Irgarol                               |
| Clomazona                                                                                                                                                                                        | Clomazone                 | Etoprofos                                                                                                                                                                                 | ethoprophos         | Isazofos                              | Isazofos                              |
| Cloquintocet mexyl                                                                                                                                                                               | Cloquintocet mexyl        | Etoxazol                                                                                                                                                                                  | Etoxazole           | Isodrin                               | Isodrin                               |
| Clordano                                                                                                                                                                                         | Chlordane                 | Etridiazol                                                                                                                                                                                | Etridiazole         | Isafenphos                            | Isafenphos                            |
| Clorfenapir                                                                                                                                                                                      | Chlorfenapyr              | Etrimfos                                                                                                                                                                                  | Etrimfos            | Isafenphos-methyl                     | Isafenphos-methyl                     |
| Clorfenvinfós                                                                                                                                                                                    | Chlorfenvinphos           | Fempropatrina                                                                                                                                                                             | Fenpropathrin       | Isopropalin                           | Isopropalin                           |
| Clorobencilato                                                                                                                                                                                   | Chlorobenzilate           | Fenamidona                                                                                                                                                                                | Fenamidone          | Isoprotiolano                         | Isoprotiolano                         |

|                                                                                                                                                                                                  |                                                |                                                                                                                                                                                           |                                          |                     |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------|---------------------|
| Logo                                                                                                                                                                                             |                                                | PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED                                                                                                                                   |                                          |                     |                     |
| Suelos                                                                                                                                                                                           |                                                | Soils                                                                                                                                                                                     |                                          |                     |                     |
| NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD                                                                                                                              |                                                |                                                                                                                                                                                           |                                          |                     |                     |
| CRV0101                                                                                                                                                                                          |                                                | Método interno conforme a/In-house method according to<br>Documento SANTE Analytical Quality Control and Method Validation Procedures for<br>Pesticide Residues Analysis in Food and Feed |                                          |                     |                     |
| ENSAYO - TYPE OF TEST                                                                                                                                                                            |                                                |                                                                                                                                                                                           |                                          |                     |                     |
| Residuos de plaguicidas por cromatografía de gases con detector de espectrometría de masas (GC-MS/MS)<br>Pesticide residues by gas chromatography mass spectrometry (GC-MS/MS)<br>(≥ 0,01 mg/kg) |                                                |                                                                                                                                                                                           |                                          |                     |                     |
| Isoxadifen-ethyl                                                                                                                                                                                 | Isoxadifen-ethyl                               | Piridabén                                                                                                                                                                                 | Pyridaben                                | Simetryn            | Simetryn            |
| Lambda-cihalotrina<br>(incl.gamma-cihalotrina)                                                                                                                                                   | Lambda-cyhalothrin<br>(incl.Gamma-cyhalothrin) | Pirimetanil                                                                                                                                                                               | Pyrimethanil                             | Sulfotep            | Sulfotep            |
| Lindano                                                                                                                                                                                          | Lindane                                        | Pirimifos-metil                                                                                                                                                                           | Pirimiphos-methyl                        | Sulprofos           | Sulprofos           |
| Malatión                                                                                                                                                                                         | Malathion                                      | Pirimifos-ethyl                                                                                                                                                                           | Pirimiphos-ethyl                         | Tau fluvalinato     | Tau-fluvalinate     |
| Mefenpyr-ethyl                                                                                                                                                                                   | Mefenpyr-ethyl                                 | Piriofenona                                                                                                                                                                               | Pyriofenone                              | Tebuconazol         | Tebuconazole        |
| Mepronilo                                                                                                                                                                                        | Mepronil                                       | Piriproxifén                                                                                                                                                                              | Pyriproxyfen                             | Tebufenpirad        | Tebufenpyrad        |
| Metalaxilo (incl.<br>metalaxilo-M)                                                                                                                                                               | Metalaxyl (incl.Metalaxyl-M)                   | Procimidona                                                                                                                                                                               | Procymidone                              | Tecnaceno           | Tecnazene           |
| Methoprotryne                                                                                                                                                                                    | Methoprotryne                                  | Profenofós                                                                                                                                                                                | Profenofos                               | Teflutrina          | Tefluthrin          |
| Metrafenona                                                                                                                                                                                      | Metrafenone                                    | Prometon                                                                                                                                                                                  | Prometon                                 | Terbutol            | Terbutol            |
| Miclobutanil                                                                                                                                                                                     | Myclobutanyl                                   | Prometryn                                                                                                                                                                                 | Prometryn                                | Terbutryn           | Terbutryn           |
| Mirex                                                                                                                                                                                            | Mirex                                          | Propaclo                                                                                                                                                                                  | Propachlor                               | Tetraconazol        | Tetraconazole       |
| Nuarimol                                                                                                                                                                                         | Nuarimol                                       | Propaphos                                                                                                                                                                                 | Propaphos                                | Tetramethrin        | Tetramethrin        |
| o,p´-DDD                                                                                                                                                                                         | o,p´-DDD                                       | Propazine                                                                                                                                                                                 | Propazine                                | Tetrasul            | Tetrasul            |
| o,p´-DDE                                                                                                                                                                                         | o,p´-DDE                                       | Propetamphos                                                                                                                                                                              | Propetamphos                             | Thiazopyr           | Thiazopyr           |
| Oxadiazón                                                                                                                                                                                        | Oxadiazon                                      | Propiconazol                                                                                                                                                                              | Propiconazole                            | Tiobencarb          | Tiobencarb          |
| Oxadixilo                                                                                                                                                                                        | Oxadixyl                                       | Propizamida                                                                                                                                                                               | Propyzamide                              | Tolclofos metil     | Tolclofos-methyl    |
| p,p´-DDE                                                                                                                                                                                         | p,p´-DDE                                       | Proquinazid                                                                                                                                                                               | Proquinazid                              | Transfluthrin       | Transfluthrin       |
| p,p´-TDE (DDD)                                                                                                                                                                                   | p,p´-TDE (DDD)                                 | Prosulfocarb                                                                                                                                                                              | Prosulfocarb                             | Trialato            | Tri-allate          |
| Penconazol                                                                                                                                                                                       | Penconazole                                    | Protioconazol destio                                                                                                                                                                      | Prothioconazole desthio                  | Tribufos            | Tribufos            |
| Pendimetalina                                                                                                                                                                                    | Pendimethalin                                  | Prothiofos                                                                                                                                                                                | Prothiofos                               | Tricresyl phosphate | Tricresyl phosphate |
| Pentachloroanisole                                                                                                                                                                               | Pentachloroanisole                             | Quinalfós                                                                                                                                                                                 | Quinalphos                               | Trifloxistrobina    | Trifloxystrobin     |
| Picolinafeno                                                                                                                                                                                     | Picolinafen                                    | Quinoxifeno                                                                                                                                                                               | Quinoxifen                               | Trifluralina        | Trifluralin         |
| Picoxistrobina                                                                                                                                                                                   | Picoxystrobin                                  | Quintozene<br>(incl.pentachloro-aniline)                                                                                                                                                  | Quintozene<br>(incl.pentachloro-aniline) | Vinclozolina        | Vinclozolin         |
| Piperonyl butoxide                                                                                                                                                                               | Piperonyl butoxide                             | Silafluofen                                                                                                                                                                               | Silafluofen                              |                     |                     |
| Piraflufeno-etilo                                                                                                                                                                                | Pyraflufen-ethyl                               | Siltiofam                                                                                                                                                                                 | Silthiofam                               |                     |                     |



| PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED                                                  |                                            |                                                                                                                                                                                        |                               |                                  |                                  |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------|----------------------------------|
| Suelos                                                                                                   |                                            | Soils                                                                                                                                                                                  |                               |                                  |                                  |
| NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD                                      |                                            |                                                                                                                                                                                        |                               |                                  |                                  |
| CRV3000                                                                                                  |                                            | Método interno conforme a/In-house method according to<br>Documento SANTE Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed |                               |                                  |                                  |
| ENSAYO - TYPE OF TEST                                                                                    |                                            |                                                                                                                                                                                        |                               |                                  |                                  |
| Residuos de plaguicidas por cromatografía de líquidos con detector de espectrometría de masas (LC-MS/MS) |                                            |                                                                                                                                                                                        |                               |                                  |                                  |
| Pesticide residues by liquid chromatography mass spectrometry (LC-MS/MS)                                 |                                            |                                                                                                                                                                                        |                               |                                  |                                  |
| (≥ 0,01 mg/kg)                                                                                           |                                            |                                                                                                                                                                                        |                               |                                  |                                  |
| 1-naftilacetamida                                                                                        | 1-Naphthylacetamide                        | Di flubenzurón                                                                                                                                                                         | Di flubenzuron                |                                  |                                  |
| Acefato                                                                                                  | Acephate                                   | Dimetomorfo                                                                                                                                                                            | Dimethomorph                  | Forclorfenurón                   | Forchlorfenuron                  |
| Acetamiprid                                                                                              | Acetamiprid                                | Dinoseb                                                                                                                                                                                | Dinoseb                       | Fosfamidón                       | Phosphamidon                     |
| Acibenzolar-S-metilo                                                                                     | Acibenzolar-S-methyl                       | Disulfoton                                                                                                                                                                             | Disulfoton                    | Fosmet oxon                      | Fosmet oxon                      |
| Albendazole                                                                                              | Albendazole                                | Disulfotonsulfona                                                                                                                                                                      | Disulfoton-sulfone            | Fostiazato                       | Fostiazato                       |
| Aldicarb (incl. A. sulfóxido y A. sulfona)                                                               | Aldicarb (incl. A.sulfoxide and A.sulfone) | Diurón                                                                                                                                                                                 | Diuron                        | Foxim                            | Phoxim                           |
| Ametoctradina                                                                                            | Ametoctradin                               | DMSA                                                                                                                                                                                   | DMSA                          | Hexazinone                       | Hexazinone                       |
| Ametryn                                                                                                  | Ametryn                                    | DMST                                                                                                                                                                                   | DMST                          | Hexitiazox                       | Hexythiazox                      |
| Ancymidol                                                                                                | Ancymidol                                  | Dodemorf                                                                                                                                                                               | Dodemorph                     | Imazamethabenz                   | Imazamethabenz                   |
| Atrazine-desethyl                                                                                        | Atrazine-desethyl                          | Dodina                                                                                                                                                                                 | Dodine                        | Imazaquina                       | Imazaquin                        |
| Azadiractina                                                                                             | Azadirachtin                               | EPTC                                                                                                                                                                                   | EPTC                          | Imibenconazole                   | Imibenconazole                   |
| Bendiocarb                                                                                               | Bendiocarb                                 | Espinetoram                                                                                                                                                                            | Spinetoram                    | Imidacloprid                     | Imidacloprid                     |
| Bensulide                                                                                                | Bensulide                                  | Espirotetramat                                                                                                                                                                         | Spirotetramate                | Isopirazam                       | Isopyrazam                       |
| Benzthiazuron                                                                                            | Benzthiazuron                              | Ethiofencarb                                                                                                                                                                           | Ethiofencarb                  | Isoprocab                        | Isoprocab                        |
| Bispyribac                                                                                               | Bispyribac                                 | Ethiofencarb sulfoxide                                                                                                                                                                 | Ethiofencarb sulfoxide        | Isoproturón                      | Isoproturon                      |
| Bromoxinil                                                                                               | Bromoxynil                                 | Ethiprole                                                                                                                                                                              | Ethiprole                     | Isoxabén                         | Isoxaben                         |
| Buturon                                                                                                  | Buturon                                    | Fenhexamida                                                                                                                                                                            | Fenhexamid                    | Isoxathion                       | Isoxathion                       |
| Cambendazole                                                                                             | Cambendazole                               | Fenoxicarb                                                                                                                                                                             | Fenoxycarb                    | Lenacilo                         | Lenacilo                         |
| Carbaril                                                                                                 | Carbaryl                                   | Fenpirazamina                                                                                                                                                                          | Fenpyrazamine                 | Linurón                          | Linuron                          |
| Carbendazina                                                                                             | Carbendazim                                | Fensulfothion                                                                                                                                                                          | Fensulfothion                 | Malaoxón                         | Malaoxon                         |
| Carbetamida                                                                                              | Carbetamide                                | Fention                                                                                                                                                                                | Fenthion                      | Mandipropamid                    | Mandipropamid                    |
| Carbofurano                                                                                              | Carbofuran                                 | Fention oxon                                                                                                                                                                           | Fenthion oxon                 | Mebendazole                      | Mebendazole                      |
| Carfentrazona-etilo                                                                                      | Carfentrazone-ethyl                        | Fention sulfona                                                                                                                                                                        | Fenthion sulfone              | Mefenacet                        | Mefenacet                        |
| Ciantraniliprol                                                                                          | Cyantraniliprole                           | Fention sulfóxido                                                                                                                                                                      | Fenthion sulfoxides           | Mefentrifluconazol               | Mefentrifluconazole              |
| Ciazofamida                                                                                              | Cyazofamid                                 | Fention oxon-sulfóxido                                                                                                                                                                 | Fenthion oxon                 | Mepanipirima                     | Mepanipyrim                      |
| Cicloxidim                                                                                               | Cycloxydim                                 | Fenuron                                                                                                                                                                                | Fenuron                       | Mesosulfurónmetilo               | Mesosulfuron-methyl              |
| Ciflumetofeno                                                                                            | Cyflumetofen                               | Flamprop                                                                                                                                                                               | Flamprop                      | Metamidofós                      | Methamidophos                    |
| Cimoxanilo                                                                                               | Cymoxanil                                  | Flonicamid                                                                                                                                                                             | Flonicamid                    | Metazacloro                      | Metazachlor                      |
| Cletodim                                                                                                 | Clethodim                                  | Fluacifop-P                                                                                                                                                                            | Fluazifop-P                   | Metiocarb                        | Methiocarb                       |
| Clofentezina                                                                                             | Clofentezine                               | Fluacinam                                                                                                                                                                              | Fluazinam                     | Metiocarb sulfoxido              | Methiocarb sulfoxide             |
| Clorantraniliprole                                                                                       | Chlorantraniliprole                        | Fluazifop-P-butyl                                                                                                                                                                      | Fluazifop-P-butyl             | Metobromuron                     | Metobromuron                     |
| Cloridazona                                                                                              | Chloridazon                                | Flufenacet                                                                                                                                                                             | Flufenacet                    | Metolacloro                      | Metolachlor                      |
| Cloroxurón                                                                                               | Chloroxuron                                | Flufencina                                                                                                                                                                             | Flufenzin (ISO: diflovidazin) | Metolcarb                        | Metolcarb                        |
| Coumachlor                                                                                               | Coumachlor                                 | Flufenoxurón                                                                                                                                                                           | Flufenoxuron                  | Metomilo                         | Methomyl                         |
| Cycloate                                                                                                 | Cycloate                                   | Flupiram                                                                                                                                                                               | Flupyram                      | Metoxifenozida                   | Methoxyfenozide                  |
| Cyclosulfamuron                                                                                          | Cyclosulfamuron                            | Fluoxastrobina                                                                                                                                                                         | Fluoxastrobin                 | Metoxuron                        | Metoxuron                        |
| Demeton-S-methyl                                                                                         | Demeton-S-methyl                           | Flupiradifurona                                                                                                                                                                        | Flupyradifurone               | Molinato                         | Molinate                         |
| Desmedifam                                                                                               | Desmedipham                                | Fluthiacet-methyl                                                                                                                                                                      | Fluthiacet-methyl             | Monolinurón                      | Monolinuron                      |
| Diclormid                                                                                                | Diclormid                                  | Fluxapiroxad                                                                                                                                                                           | Fluxapyroxad                  | Monurón                          | Monuron                          |
|                                                                                                          |                                            | Forato sulfona                                                                                                                                                                         | Phorate Sulfone               | N-(2,4-Dimethylphenyl) formamide | N-(2,4-Dimethylphenyl) formamide |
| Dicrotophos                                                                                              | Dicrotophos                                |                                                                                                                                                                                        |                               |                                  |                                  |
| Difenoxuron                                                                                              | Difenoxuron                                | Forato sulfóxido                                                                                                                                                                       | Phorate Sulfoxide             | Neburon                          | Neburon                          |

|                                                                                                          |                                                          |                                                                                                                                                                                        |                     |                      |                       |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|-----------------------|
| ad Nacional de Acreditación                                                                              |                                                          | PRODUCTO/MATERIAL A ENSAYAR - PRODUCTS/MATERIALS TESTED                                                                                                                                |                     |                      |                       |
| Suelos                                                                                                   |                                                          | Soils                                                                                                                                                                                  |                     |                      |                       |
| NORMA/PROCEDIMIENTO DE ENSAYO - STANDARD SPECIFICATIONS/TEST METHOD                                      |                                                          |                                                                                                                                                                                        |                     |                      |                       |
| CRV3000                                                                                                  |                                                          | Método interno conforme a/In-house method according to<br>Documento SANTE Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed |                     |                      |                       |
| ENSAYO - TYPE OF TEST                                                                                    |                                                          |                                                                                                                                                                                        |                     |                      |                       |
| Residuos de plaguicidas por cromatografía de líquidos con detector de espectrometría de masas (LC-MS/MS) |                                                          |                                                                                                                                                                                        |                     |                      |                       |
| Pesticide residues by liquid chromatography mass spectrometry (LC-MS/MS)                                 |                                                          |                                                                                                                                                                                        |                     |                      |                       |
| (≥ 0,01 mg/kg)                                                                                           |                                                          |                                                                                                                                                                                        |                     |                      |                       |
| Norflurazon                                                                                              | Norflurazon                                              | Procloraz                                                                                                                                                                              | Prochloraz          | Thiofanox-sulfoxide  | Thiofanox-sulfoxide   |
| Ometoato                                                                                                 | Omethoate                                                | Pyridalyl                                                                                                                                                                              | Pyridalyl           | Tiametoxam           | Thiamethoxam          |
| Oxasulfurón                                                                                              | Oxasulfuron                                              | Quinmerac                                                                                                                                                                              | Quinmerac           | Tifensulfurón-metilo | Thifensulfuron-methyl |
| Oxatiapirolina                                                                                           | Oxathiapirolin                                           | Quizalofop-P-ethyl                                                                                                                                                                     | Quizalofop-P-ethyl  | Tiodicarb            | Thiodicarb            |
| Oxidemetón-metilo<br>(incl.demetón-S-<br>metilsulfona)                                                   | Oxydemeton-methyl<br>(incl. demeton-S-<br>methylsulfone) | Rotenona                                                                                                                                                                               | Rotenone            | Tralcoxidim          | Tralkoxydim           |
| Paraoxón-metilo                                                                                          | Paraoxon-methyl                                          | Simacina                                                                                                                                                                               | Simazine            | Triciclazol          | Tricyclazole          |
| Pencicurón                                                                                               | Pencycuron                                               | Sulfometuron-methyl                                                                                                                                                                    | Sulfometuron-methyl | Triflumizol          | Triflumizole          |
| Penflufen                                                                                                | Penflufen                                                | Sulfoxaflor                                                                                                                                                                            | Sulfoxaflor         | Triforina            | Triforine             |
| Penthiopirad                                                                                             | Penthiopyrad                                             | Tebufenocida                                                                                                                                                                           | Tebufenozide        | Valifenalato         | Valifenalate          |
| Phenisopham                                                                                              | Phenisopham                                              | Tebutiuron                                                                                                                                                                             | Tebuthiuron         | Vamidothion          | Vamidothion           |
| Pinoxaden                                                                                                | Pinoxaden                                                | Terbufos sulfone                                                                                                                                                                       | Terbufos sulfone    | Yodosulfurón metilo  | Iodosulfuron-methyl   |
| Piraclostrobina                                                                                          | Pyraclostrobin                                           | Terbufos-sulfoxide                                                                                                                                                                     | Terbufos-sulfoxide  | Zoxamida             | Zoxamide              |
| Pirimicarb                                                                                               | Pirimicarb                                               | Terbumeton-desethyl                                                                                                                                                                    | Terbumeton-desethyl |                      |                       |
| Piroxsulam                                                                                               | Pyroxsulam                                               | Terbutilacina                                                                                                                                                                          | Terbutylazine       |                      |                       |

Un método interno se considera que está basado en métodos normalizados cuando su validez y su adecuación al uso se han demostrado por referencia a dicho método normalizado y en ningún caso implica que ENAC considere que ambos métodos sean equivalentes. Para más información recomendamos consultar el Anexo I al CGA-ENAC-LEC.

*An in-house method is considered based on standardized methods when its validity and suitability have been demonstrated against standard reference methods. This will never imply that ENAC considers both methods equivalent. For more information, please consult Annex I to the CGA-ENAC-LEC.*