



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

GESTIÓN DE CALIDAD Y LABORATORIO S.A.
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CHEMICAL

Valid to: January 31, 2020

Certificate Number: 4744.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on meals, pesticides, and veterinary drug residue:

Metals by Atomic Absorption Spectrophotometry - Flame

<u>Parameter</u>	<u>Matrix</u>	<u>Method</u>
Aluminum	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT11
Cadmium	Fertilizer	PTQF20
Cadmium	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT03
Cadmium	Liquid Milk	PTQLe01
Calcium	Fertilizer	PTQF07
Calcium	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT05
Calcium	Wine	PTQV06
Chrome	Meat and Processed Meat Products	PTQSG05
Cobalt	Fertilizer	PTQF06
Cobalt	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT04
Cobalt	Wine	PTQV01
Copper	Fertilizer	PTQF06
Copper	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT04
Copper	Meat and Processed Meat Products	PTQSG04
Copper	Wine	PTQV01
Iron	Fertilizer	PTQF06
Iron	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT04
Iron	Wine	PTQV01
Lead	Fertilizer	PTQF20
Lead	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT03
Lead	Liquid Milk	PTQLe01
Magnesium	Fertilizer	PTQF07

<u>Parameter</u>	<u>Matrix</u>	<u>Method</u>
Magnesium	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT05
Magnesium	Wine	PTQV06
Manganese	Fertilizer	PTQF06
Manganese	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT04
Manganese	Wine	PTQV01
Molybdenum	Fertilizer	PTQF22
Nickel	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT04
Potassium	Fertilizer	PTQF07
Potassium	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT06
Potassium	Wine	PTQV07
Selenium	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT08
Sodium	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT22
Sodium	Fertilizer	PTQF07
Sodium	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT06
Sodium	Wine	PTQV07
Tin	Canned Foods	PTQT09
Tin	Wine	PTQV05
Zinc	Fertilizer	PTQF06
Zinc	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT04
Zinc	Wine	PTQV01

Metals by Atomic Absorption Spectrophotometry - Hydride Generation

<u>Parameter</u>	<u>Matrix</u>	<u>Method</u>
Arsenic	Fertilizer	PTQF21
Arsenic	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT12
Arsenic	Liquid Milk	PTQLe03
Arsenic	Meat and Processed Meat Products	PTQSG01
Arsenic	Wine	PTQV02
Mercury	Fertilizer	PTQF19
Mercury	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTQT07
Mercury	Liquid Milk	PTQLe02
Mercury	Meat and Processed Meat Products	PTQSG02
Mercury	Wine	PTQV04



Metals by Atomic Absorption Spectrophotometry - Graphite Furnace

<u>Parameter</u>	<u>Matrix</u>	<u>Method</u>
Cadmium	Liquid Milk	PTQLe04
Cadmium	Meat and Processed Meat Products	PTQSG06
Cadmium	Pulp Fruit, Tomato, and Juice Concentrates	PTQT19
Cadmium	Wine	PTQV03
Lead	Liquid Milk	PTQLe04
Lead	Meat and Processed Meat Products	PTQSG06
Lead	Pulp Fruit, Tomato, and Juice Concentrates	PTQT19
Lead	Wine	PTQV03
Tin	Pulp Fruit, Tomato, and Juice Concentrates	PTQT19

Pesticides

<u>Test</u>	<u>Matrix</u>	<u>Method</u>
Dithiocarbamates by GC/MS	Foods of Plant Origin, Such as Fruit (Including Dried Fruits), Vegetables, Cereals, Wine, Juice and Processed Products Foods of Animal Origin and Processed Products	PTCA 02
Pesticides Residues. QuEChERS by GC/MS GC/MS/MS LC/MS/MS	Foods of Plant Origin, Such as Fruit (Including Dried Fruits), Vegetables, Cereals, Wine, Juice and Processed Products Foods of Animal Origin and Processed Products	PTCA 01
Polar Pesticides QuPpe by LC/MS/MS	Foods of Plant Origin, Such as Fruit (Including Dried Fruits), Vegetables, Cereals, Wine, Juice and Processed Products Foods of Animal Origin and Processed Products Waters	PTCA 61

Veterinary drug residue by LC/MS/MS

<u>Test</u>	<u>Matrix</u>	<u>Method</u>
Aminoglycosides	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTCA 33
Amphenicols		PTCA 03
Quinoxalines		
Streptogramins Antibiotic		
Avermectins		
Benzimidazoles Imidazolthiazoles		
β – Adrenergics	Feather and Hair Of Poultry And Animal Origin Food and Feed of Animal, Poultry and Marine Origin and Processed Products	

Antithyroid	Urine	PTCA 34
β – Lactams	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTCA 03
Cephalosporin		
Cocciostats		
Derivatives of Resorcilyc Acid		
Fluoroquinolones & Quinolones		
Salicylanilide		
Macrolides & Lincosamides		
Nitrofurans Metabolites	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	PTCA 30
Nitroimidazoles	Waters	PTCA 03
Nitroimidazoles	Food and Feed of Animal, Poultry and Marine Origin and Processed Products	
Nonsteroidal anti-inflammatory (NSAIDs)		
Steroidal anti-inflammatory		
Steroids Stilbenes Derivatives of Resorcilyc Acid	Urine	
Stilbenes	Food and Feed of Animal, Poultry and Marine Origin and Processed Products thereof	PTCA 03
Sulfonamides & Trimethoprim		
Tetracyclines & Epimers		
Tranquilizers		
Triphenylmethane Dyes		

Veterinary drug residue by LC/DAD

<u>Test</u>	<u>Matrix</u>	<u>Method</u>
Tetracyclines & Epimers	Food and Feed of Animal, Poultry and Marine Origin and Processed Products thereof	PTCA 68
Nitrofurans	Waters	PTCA 31





Accredited Laboratory

A2LA has accredited

GESTIÓN DE CALIDAD Y LABORATORIO S.A.

SANTIAGO, CHILE

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 9th day of January 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 4744.01
Valid to January 31, 2020

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.