



# TESTING AND SAMPLING DIVISION

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The Testing and Sampling Division offers chemical, microbiological and physical-organoleptic analysis and testing services, in conjunction with sampling, required within the regulatory framework of the country, in the areas of water quality, Residual solids, quality and safety of food, raw materials for the food industry for human and animal consumption, among other items. For this purpose, it obtains and maintains the accreditations that are required for its operation.

This Division offers high quality services, for which it has technically qualified personnel, with extensive experience and training, so that our operational sampling and analysis processes are supported by accurate opinions and clear evidence through the respective reports, delivering to our clients all the necessary tools to make accurate decisions.



# OUR SERVICES



## Chemical laboratory

- Proteins
- Digestibility
- Fat
- Antioxidants
- Moisture
- pH
- Granulometry
- Non-Fatty Solids
- Pollutants (heavy metals)
- FFA
- Peroxides
- Histamine
- TVN
- Sand
- Ash
- Mycotoxins

## Microbiological laboratory

- Fecal coliforms
- Total coliforms
- Escherichia coli
- Mushrooms and yeasts
- Salmonella
- Aspergillus fungi
- Shigella
- Listeria Monocytigenes
- Staphylococcus aureus
- Enterobacteria
- Aerobic Mesophilic
- Reducing sulfite anaerobes
- Vibrio parahaemolyticus
- Clostridium Perfringens
- Enterococcus

## Sampling

- Flours (aviars, viscera, fish, blood)
- Oils and fats
- Waters
- Grain
- Mineral concentrates
- Frozen products
- Foods
- Surfaces and manipulators

## Research and development

- R&D for special services
- Attention to special needs and / or unusual tests

# DEPARTMENT OF ENVIRONMENT AND CONTAMINANTS

## OUR SERVICES

### Consulting Services

- Environmental management consulting
- Process management consultancy
- Lifting of environmental liabilities
- Development of integrated waste management plans
- Development of hazardous waste management plans
- Resolution of environmental conflicts
- Processing of sector permits, SEREMI Salud
- Design of sampling plans for hazardous and non-hazardous industrial soils and waste
- Advice on issues related to emission control, raw material verification and process control, among others
- Development of emergency plans and response to spills
- Preparation of safety data sheets (HDS)
- Consultations in acute and chronic toxicology
- Occupational health consultancies

### Training Services

- Training in Environmental Regulations aimed at companies and individuals. Standards ISO 14000, D.S.148, D.S.594
- Training in Integrated Waste Management Plans
- Training in Specific Hazardous Waste Management Plans
- Training in Pollution in Environmental Matrices (air, soil and water)
- Training in Occupational Health





# ACCREDITATIONS AND MEMBERSHIPS

Accredited by INN Chile in Testing Laboratories according to the Norm NCh-ISO 17025:2017 in:

- Microbiology and sampling area for hydrobiological products LE 1149
- Microbiology and sampling area for foods for human consumption LE 1150
- Microbiology and water sampling area LE 1151
- Microbiology and sampling area for utensils, surfaces, environments and manipulators LE 1152
- Physical-organoleptic area and sampling for Hydrobiological products LE 1153
- Chemical area and sample for Hydrobiological products LE 1155

## Memberships

Memberships in the following international organizations:

- FOSFA - The Federation of Oils, Seeds and Fats Associations
- GAFTA - Grain and Feed Trade Association
- GLOBAL GAP - Good Agricultural Practice.





## HEAD OFFICE

Blanco Encalada 1215 Of. 1104, Region of Valparaíso, Chile  
Tel. (56-32) 274 6253

## OFFICES IN NATIONAL TERRITORY

### Iquique :

Agustín Zavala 2879, Iquique, Region of Tarapacá. Chile.  
Tel. (56-57) 2447818

### Antofagasta:

Nicolás Tirado 386, Antofagasta, Region of Antofagasta. Chile.

### Calama:

Puerto Seco, Lote 45, Calama, Region of Antofagasta. Chile.

### Santiago:

José Ananías 651, Macul, Metropolitan Region of Santiago. Chile.  
Tel. (56-2) 22399887

### Concepción :

Arturo Junge 142, Concepción, Region of Bío Bío. Chile.  
Tel. (56-41) 2590791-2590807



## OTHER OFFICES IN SOUTH AMERICA

### Perú:

Av. Fawcett 150, Urb. Maranga, Lima.  
Tel. (51-1) 4642170 - 5943369

### Ecuador:

Av. Las Américas No. 1608 y Av. Plaza Dañín, Guayaquil.  
Tel. (59-34) 2290534

