



## Menu

All our services:

Access each of our services and obtain more detailed information.

Services  
Methodology



Antibiotics



Microbiological



Metals  
and Minerals



Physicochemical  
in Drinkable water



Pesticides and  
Pollutants



Physicochemical



Shelf life  
and Stability



Nutritional  
Composition



Antioxidants



Vitamins



Contact us



Allergens and  
Mycotoxins



## Services Methodology analysis

We are experts in:

Being efficient, flexible, to become the most agile laboratory and committed to the solution of your needs.

### Analysis

*More information ►*



#### Send Samples

along with filled out and signed service request.

STEP  
**04**



STEP  
**01**

#### Quotation Request

by email or phone call.



STEP  
**02**

#### Approve Quotation

sent by email or purchase order (PO).



STEP  
**03**

#### Fill out Format

of service request.



#### Query Result

Enter to this webpage or scan this QR  
[www.aoxlab.com/resultados](http://www.aoxlab.com/resultados)



Then, remember to input assigned username and password.

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[www.aoxlab.com](http://www.aoxlab.com)

## Microbiological

Routine analysis for:

Food production facilities, pharmaceuticals, cosmetics, packaging, glass containers, stockholding and distribution centers, restaurants, hotels and retailers.

## Analysis

*More information ►*



### **Environment Microbiological test Plate exposure**

Mesophilic aerobic count, molds and yeasts.



### **Surfaces and Equipment**

Search for fecal and total coliforms.



### **Antibacterial Efficiency**

- Challenge test
- Zone of inhibition
- Minimum Inhibitory Concentration (MIC)

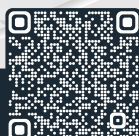


### **Up to minute PCR Pathogen Analysis**



### **Full microbiological test for (INVIMA, NTC, USP)**

- Restaurant ready meals
- Raw, precooked, cooked products
- Fruit and vegetable salads
- Desserts
- Beverages and juice mixes
- Meat derivatives
- Milk derivatives
- Cereal derivatives
- Raw Materials
- Packaging
- Food (final product)
- Cosmetics
- Pharmaceuticals
- Dietary supplements
- Phytotherapeutics



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## Physiochemical in Drinkable Water

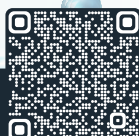
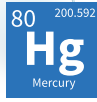
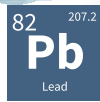
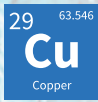
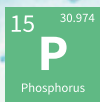
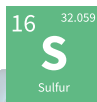
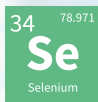
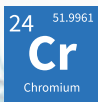
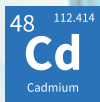
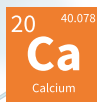
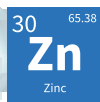
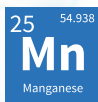
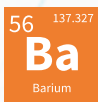
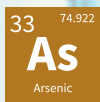
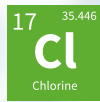
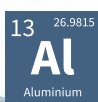
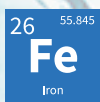
Drinkable Water  
microbiological:

(Resol. 2115/2017)

- Total coliform count
- E. Coli count
- Mesophilic Aerobic Count

### Analysis

More information ►



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# aoxlab

## Physicochemical

We have:

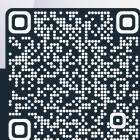
Automated facilities and equipment, with an expert human team, delivering reliable and timely results.

## Analysis

More information ►



We carry out annually more than **30,000** analyzes. we have a catalog with more than **1,500** different patterns.



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## Nutritional Composition

We deliver value because:

We are experts in nutritional analysis complying with all the requirements of Technical Regulation 810 of 2021 (INVIMA).

## Analysis

*More information ►*

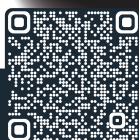


- Moistare
- Ashes
- Fat
- Protein
- Total sugars
- Added sugars
- Total dietary fiber
- Soluble and insoluble dietary fiber
- Carbohydrates
- Calories
- Saturated fat
- Trans Fat
- Lipid profile (34 FAMES)

- DHA
- EPA
- Omega 3,6,9
- Cholesterol
- Inulin
- FOS
- Resistant starches
- $\beta$ -glucans
- Catechins
- Caffeine
- Chlorogenic acids
- Theobromine
- Steviosides
- Organic acids
- Terpenes

- pH
- Total acidity
- Karl-Fisher moisture
- Density
- Sensory analysis
- Water activity
- Solubility
- ° Brix
- Nitrates
- Nitrites
- sulfites
- sulfates
- Chlorides
- Fluorides
- Phosphates
- Turbidity

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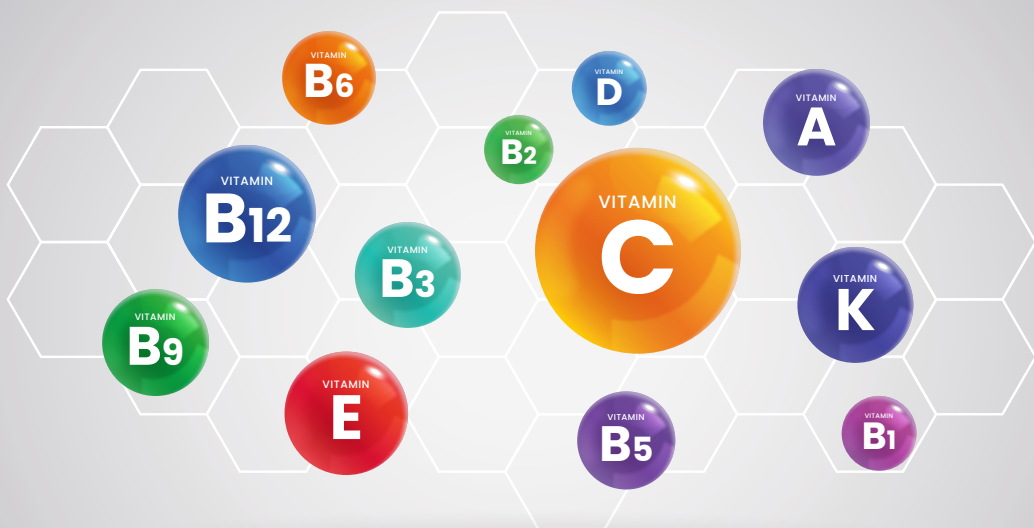
## Vitamins

A complete offer with:

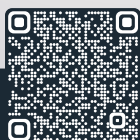
A tryout system for the determination of vitamin content by liquid chromatography (HPLC).

## Analysis

*More information ►*



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Allergens and  
Mycotoxins

Routine analysis for:

Final product, raw materials,  
ongoing products and  
production plants.

Analysis

More information ►



GLUTEN



EGG



SOY



HAZELNUT



COCONUT



MACADAMIA



CASEIN



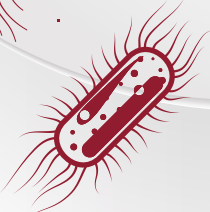
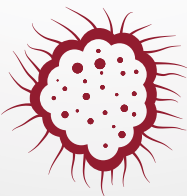
ALMOND



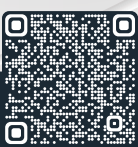
PEANUT



MUSTARD



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## Antibiotics

Routine analysis for:

To get the list of all analyzes that we carry out in our laboratories, scan the following code.

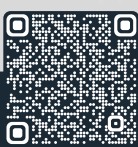
## Analisis

More information ►



Amoxicillin	florionicol	Sulfaguanidime
Ampicillin	flumequine	Sulfamerazine
Amprolium	Fosfomycin	Sultamethazine
Avilamycin	Furazolidone	Sulfamethiozole
Bacitracin	Gentamicin	Sutfamencale
Cefauimona	Lincomycin	Sulfamethaxazole
Ceptiofur	Monensin	Sulfamethoxypyridine
Chloramphenicol	Narasin	Sulfanilamide
Chlortetracycline	Neomycin	Sulfapyridine
Cloxacillin	Oxacillin	Sulfaquinoxaline
Colistin	Oxytetracycline	Sulfathiazole
demeclocycline	Penicillin G	Sulfisoxazole
Dicloxacillin	pirlimicint	tetracycline
doxycycline	Ronidazole	Tilmicosin
Enrofloxacin	Salinomycin	Tylosin
Erythromycin	Sulfachloropyridazine	Timetoprim
Spiramycin	Sulfadiazine	Virginiamycin
Streptomycin	Sulfadimethoxine	Zn-Bacitracin

Scan our virtual card ►

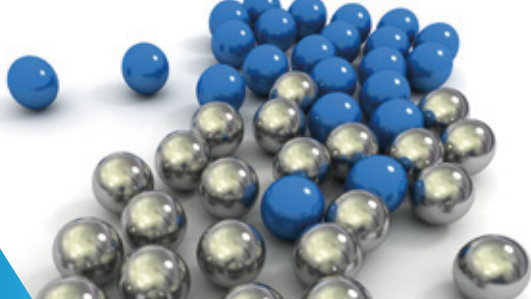


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## Metals and Minerals

Analysis of:

Heavy metals through ICP  
technology that allows us to  
ensure the lowest limits of  
detection and quantification.



### Analysis

More information ►



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Pesticides and  
Pollutants

We are experts in:

A wide range of detection of  
traces in residues of pesticides,  
fungicides and herbicides.

Analysis

More information ►



Pesticides (carbamates)	Pesticides (Organochlorines)	Pesticides (Organo phosphates)	Pesticides (Others)	Pesticides (Peritroids)	Pesticides (Traizoles)
Aldicarb	Aldrin	Cadasafos	Amitraz	Bifenthrin	Canfentrazone etil
Bendiocarb	Alfa-hch	Chlorpiryfos	Azoxystrobin	Cis-permethrin	Cyproconazole
Benomyl	Chlordane	Dichlorvos	Bitertanol	Cypermethrin	Flusilazol
Carbaryl	Clorotalonil	Dimetoato	Captan	Deltamethrin	Flutriafol
Carbofuran	Dicofol	Disulfoton	Ciprodinil	Phenthrin	Flutriazol
Methiocarb	Dieldrin	Ethion	Clomazone	Trans- permethrin	Hexaconazole
Methomyl	Endosulfan i	Etoprofos	Diclofluanida		Hexaconazole
Pirimicarb	Endosulfan ii	Fenitrotion	Dicloran		Propyconazole
Propoxur	Endrin	Fenftion	Difenilamina		Tebuconazole
	Folpet	Forato	Etoxiquin		Triademenol
	G-hch (lindano)	Malation	Fenhexamide		Triadimefon
	Heptachlor	Metamidofos	Fenilfenol		
	P,p'-ddt	Metidation	Fenpropimorph		
	Propachlor	Monocrotofos	Fipronil		
		Parathion-etil	Folpet		
		Pirimifos-metil	Haloxifob		
		Profenofos	Imazalil		
		Terbufos	Metalaxil		
		Triazofos	Metalaxil		
			Metaldehido	Pyraclostrobin	
			Metomil	Pyriproxifen	
			Napropamide	Spirodiclofen	
			Oxyfluorden	Tiabendazol	
			Pendimetalin	Tolilfluanida	
			Procloraz	Vinclozoline	



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## Shelf life and Stability

Routine analysis for:

Raw materials and final products, monitoring microbiological parameters, physicochemical and sensory.

## Analysis

More information ►



**We carry out study of shelf life with:**



Storage in  
**Regular camera.**

*Stored product at the suggested temperature by the manufacturer, only the storage temperature is controlled.*



Storage in  
**Accelerated camera.**

*Stored product under accelerated temperature and humidity conditions according to the nature of the sample.*



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## Antioxidants

We are unique:

We are the first Latin American Laboratory specialized in antioxidant science and oxidative stress.

## Analysis

*More information ►*

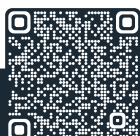


### **Antioxidant activity** Determination

- › ORAC Value
- › TEAC Value
- › FRAP (Ferric Reducing Antioxidant Power)

### **Oxidative rancidity** Indicators

- › Peroxide measure
- › Thiobarbituric Acid (TBARS)
- › Anisidine measure
- › Saponification measure
- › Iodine measure



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## Antioxidants

An expert laboratory with:

More than 200,000 annual analyzes on a catalog with more than 60 different parameters.

## Analysis

More information ►

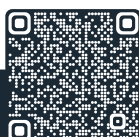


### Antioxidant Content

Total Polyphenols <  
Total Flavonoids <  
Total carotenoids <  
 $\beta$ -Carotene <  
Total chlorophylls <  
Total Anthocyanins <  
Anthocyanin profile <  
Acid profile <  
chlorogenic  
Condensed tannins <



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## Contact us

you can count on:

Our quality management system which is based on standard and validated procedures to meet all requirements.

### business contact

direccioncomercial@aoxlab.com

Phone: (+604) 6047454 ext: (101)

Mobile (+57) 310 833 87 68

Mobile (+57) 314 867 15 46

Compliance with quality standards NTC-ISO/IEC 17025:2017 - Resolution 1619 of 2015.



La salud es de todos

Minsalud

International interlaboratory programs in which Aoxlab participates



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