



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **GABINETE DE SERVICIOS PARA LA CALIDAD, S.L.U (G.S.C.)**

STREET CARIDAD NO 32 (LOCAL)  
MADRID, SPAIN 28007

### **Proficiency Testing Provider PTP-103**

has met the requirements of AC785, *IAS Accreditation Criteria for Proficiency Testing Provider*, and has demonstrated compliance with ISO/IEC Standard 17043:2023, *Conformity assessment, General requirements for the competence Proficiency Testing Providers*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date May 16, 2024



A handwritten signature in black ink, reading 'Raj Nathan'.

**President**

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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## GABINETE DE SERVICIOS PARA LA CALIDAD, S.L.U (G.S.C.)

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

**Contact Name** *Lola Sualdea Moraleda*

**Contact Phone** +34-91-5519252

Accredited to ISO/IEC 17043: 2023

Effective Date May 16, 20244

No	PT Scheme	Sector	Sub sector	Product/ item	Analyte/ Measurement
01	Chemical	Chemical Analysis of Water	Metals in Water	Drinking Water, Wastewater and Sea Waters Continental Water	Metals
			Physical and Chemical Parameters of Water	Sea Water	Ammonium Nitrites pH Conductivity Nitrates Chlorides Fluorides Sulphates Phosphates Silica Boron Kjeldahl Nitrogen Total phosphorus Salinity
			Physical and Chemical Parameters of Water Including Routine Tests and Analysis of Organic Compounds	Continental Water/ Drinking Water	Alkalinity Ammonium Bicarbonates Boron Calcium Carbonates Total Organic Carbon Free chlorine Combined chlorine Total chlorine Chlorides Colour Conductivity Cyanides Hardness Fluorides

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No	PT Scheme	Sector	Sub sector	Product/ item	Analyte/ Measurement
					Phosphate-Ortophospahtes Total phosphorus Magnesium Nitrates Nitrites Oxidability pH Potassium Dry matter Silica Sodium Sulphates Turbidity Polycyclic aromatic hydrocarbons (PAHs) Volatile Organic Compounds (Trihalomethanes) Phenol 2-Chlorophenol Pentachlorophenol Technical Nonylphenol Bisphenol A 1,2-Dibromoethane Benzene Toluene m,p-Xylene o-Xylene Tetrachloroethene Trichlorethene 1,2-Dichloroethane 4-chloro-3-methylphenol 2,4-Dichlorophenol 2,6-Dichlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol 2,3,4,6-Tetrachlorophenol 2,4-Dimethylphenol 4-n-nonylphenol 4-n-octiphenol Ethylbenzene Styrene 1,2,4 trimethylbenzene Hexachlorobutadiene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane 1,3,5 Trichlorobenzene
			Physical and Chemical	Continental Water/Drinking Water	Pesticides

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No	PT Scheme	Sector	Sub sector	Product/ item	Analyte/ Measurement
			Parameters of Pesticides		
			Physical and Chemical Parameters Routine Tests	Wastewater	Total Organic Carbon (TOC) Chlorides Conductivity Biochemical Oxygen Demand (BOD) Chemical Oxygen Demand (COD) Phenols Total Phosphorus Phosphates Toxicity (materials inhibitors) Ammoniacal Nitrogen (Ammonium) Kjeldahl Nitrogen Total Nitrogen Nitrates pH Suspended solids Anionic surfactants Oils and fats, and dissolved and emulsified hydrocarbons Fluorides
		Chemical Analysis of Slush and Sludge	Physical and Chemical Parameters Routine Tests and Heavy Metals	Slush and Sludge	pH (1:5) Conductivity (1:5) Dry matter Organic matter Organic matter resources (OMR) NH <sub>4</sub> Total Nitrogen Total Phosphorus Potassium Calcium Magnesium Iron C/N ratio
			Heavy metals	Slush and Sludge	<b>Metals:</b> Cooper Nickel Chromium Lead Mercury Cadmium Zinc
			Metals Food and Feed	Food and Feed	Metals

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No	PT Scheme	Sector	Sub sector	Product/ item	Analyte/ Measurement
		Chemical Análisis of Food and feed	GMO's and endogens	Cereals and feed	Qualitative and cuantitative determination of authorized genetically modified organisms (GMO)
			Constituents of Animal Origin	Food and Feed	Qualitative determination of constituents of terrestrial animals and fish by microscopic examination according to Commission Regulation (EU) N° 51/2013 of 16 January 2013
		Chemical Analysis of Food	Preservatives in Food	Food	Boric acid Sodium metabisulfite (sulphur dioxide)
			General Foliar Tests	Leaf Samples	Total Phosphorus Sodium Potassium Copper Zinc Kjeldahl Nitrogen Boron Iron Calcium Manganese Magnesium
			General Olives Tests Oil Fat Yield	Olives	Fat Moisture
			Nutritional Composition in Food	Honey	Total acidity Free acidity Conductivity Colour Reducing sugars Hydroxymethylfurfural Diastase activity Ashes Moisture Water-insoluble solids Fructose Sucrose Glucose Colour
			Nutritional Composition in Food and Feed	Food and Feed	Total Phosphorus Sodium Calcium Ashes Fat Saturated Fatty Acids

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No	PT Scheme	Sector	Sub sector	Product/ item	Analyte/ Measurement
					Water activity Protein Carbohydrates Sugars Energetic value Crude fibre Dietary fibre Moisture-Dry matter Chlorides Acidity Fatty acids Type $\Omega$ -fatty acids Lactose Phosphates Nitrates Nitrites Hydroxyproline pH
			Nutritional Composition in Beverages	Juices	Total acidity Free acidity Brix 20 °C Total sugars Density Glucose Sucrose Fructose Sulfur Dioxide, Sulfites
			Pesticide Analysis	Food	Pesticides
			Nutritional Composition in Food	Vinegar	Total acidity Volatile acidity Dry matter Ashes Residual alcohol Density Methanol Chlorides Sulphates Total sulphur Acetoin Total sugars Citric acid
			Nutritional Composition in Beverages	Spirit Drinks	Grade Methanol Volatile matter Reducing sugars Furfural Volatile acidity

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No	PT Scheme	Sector	Sub sector	Product/ item	Analyte/ Measurement
					Total acidity Volatile acidity Density Total sugars
			Nutritional Composition in Beverages and Mycotoxin Analysis	Wine	Grade Total acidity Volatile acidity Total sulphur Free sulphur Methanol pH Gluconic acid reducing sugars Density at 20 °C Dry matter Malic acid Citric acid Glycerin Sorbic acid Glucose Fructose Folin-ciocalteau index Ochratoxin A
			Mycotoxin Analysis	Food	Ochratoxin A Aflatoxins B1, B2, G1, G2 and totals Deoxynivalenol Zearanolone Fumonisin B1+B2 and sum T-2, HT-2 and sum 15 acetyl deoxynivalenol Patulin Aflatoxin M1
			Histamine	Food (Fish and their canned products)	Histamine
			Process Contaminants Analysis	Food	Acrylamide Melamine Sum of 3-monochloropropanediol (3-MCPD) and fatty acid esters of 3-MCPD Polycyclic aromatic hydrocarbons (PAHs)
			Allergen Analysis	Food	Traces of Gluten Egg Peanut ,

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					Soybean, Milk (proteins) Almond Hazelnut Walnut
			Nitrate Analysis	Fruit and Vegetables	Nitrates
			Canned Products Analysis	Canned Products	Gross weight Net weight Drained Weight
			Vegetable Oil Analysis	Vegetable Oil	Acidity Test in the ultraviolet Spectrophotometric Peroxides Stability at 100 °C Tocopherols Moisture Impurities Fatty acids (profile) Sterol (profile) Total sterols Unsaponifiable matter Stigmastadienes Erythrodiol+Uvaol Wax Trans oleic isomers Trans Linoleic+Linolenic isomers ECN-42 difference Alkil-esters Monopalmitate 2.glyceryl aliphatic alcohols Polycyclic aromatic hydrocarbons (PAHs) Halogenated solvents Diglycerides and Triglycerides Extraneous Oils Biophenols
			General Test in Food	Milk	Freezing point Urea Fat-free dry matter
			Veterinary Residue Analysis	Muscle, Feed, Liver and Milk	Quantitative determination of $\beta$ -agonists Quantitative determination of chloramphenicol Quantitative determination of antibiotics Quantitative determination of Corticosteroids



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		<i>Analysis of Production Resources</i>	<i>Composition in Plant Protection Products</i>	<i>Plant Protection Products</i>	<i>Density Wealth Active principles</i>
2	Biological	<i>Microbiology Analysis of Water</i>	<i>General Microbiological Parameters</i>	<i>Water</i>	<i>Aerobic microorganism at 22 °C enumeration Aerobic microorganism at 36 °C enumeration Escherichia coli enumeration Total coliforms enumeration Intestinal enterococci enumeration Pseudomonas aeruginosa enumeration Dect Salmonella spp Clostridium perfringens enumeration Somatic coliphage enumeration Legionella spp. enumeration Legionella pneumophila identification</i>
		<i>Microbiological Analysis of Food</i>	<i>Detection of Staphylococcal Toxin Analysis</i>	<i>Food</i>	<i>Detection of Staphylococcal toxin</i>
			<i>Somatic Cell Count Analysis</i>	<i>Milk</i>	<i>Somatic cell count</i>
			<i>Trichina Larvae Detection Analysis</i>	<i>Meat Products</i>	<i>Trichina (Trichinella spp) larvae detection</i>
<i>Microbiological Analysis of Food and Hygiene Control</i>	<i>Microbiological Analysis of Pathogenic and Non-pathogenic Microorganisms</i>	<i>Food Feed and Samples of Surface Contamination (swabs, abrasive sponge, contact plates)</i>	<i>Detection of Campylobacter Detection of Cronobacter spp (Enterobacter sakazakii) Detection of Escherichia coli Detection of Escherichia coli 0157 Detection of Listeria monocytogenes Detection of enterobacteriaceae Detection of Salmonella spp. Detection of Shigella except dysenteriae (type I) Detection of coagulase-positive staphylococci Detection of aerobic and anaerobic microorganisms Presumptive Bacillus cereus enumeration</i>		

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					<i>Clostridium perfringens</i> enumeration <i>Sulfite reducing Clostridium</i> enumeration <i>Total enterobacteriaceae</i> enumeration <i>Total coliforms</i> enumeration <i>Escherichia coli</i> enumeration <i>Escherichia coli</i> enumeration (only for MPN Methods) <i>Coagulase-positive staphylococci</i> enumeration <i>Listeria monocytogenes</i> enumeration <i>Enumeration of microorganisms at 21°C and 30 °C.</i> <i>Yeast and mould</i> enumeration <i>Campylobacter spp.</i> Enumeration <i>Lactic acid bacteria</i> count <i>Salmonella spp</i> enumeration <i>Anaerobic sulphite-reducing bacteria</i> count
		Microbiological Analysis of Cosmetics	Microbiological Analysis of Pathogenic and Non-pathogenic Microorganisms	Cosmetic Products and Personal Care	<i>Detection of Escherichia coli</i> <i>Detection of Staphylococcus aureus</i> <i>Detection of Candida albicans</i> <i>Detection of Pseudomonas aeruginosa</i> <i>Enumeration of aerobic mesophilic bacteria</i> <i>Yeast and mould</i> enumeration