



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

**AGQ PATAGONIA SPA.**  
SARGENTO ALDEA 2650  
PUERTO MONTT 5504385, REPUBLIC OF CHILE

**Testing Laboratory TL-842**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date January 4, 2021

Expiry Date June 1, 2021



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

**President**

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## AGQ PATAGONIA SPA.

[www.agqlabs.cl](http://www.agqlabs.cl)

**Contact Name** Eduardo Garrido

**Contact Phone** +56 223941756

*Accredited to ISO/IEC 17025:2017*

*Effective Date January 4, 2021*

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Food Microbiology	Food and Food Products (including water)	Mesophilic Aerobic	AOAC official method 990.12. year 2002  Aerobic Plate Count in Foods in food for human consumption
		Escherichia coli and coliforms	AOAC official method 991.14. year 2002 - AOAC official method 998.08. year 2002  Coliforms an Escherichia Coli Counts in Food – E. Coli Petrifilm in food for human consumption
		Mold and yeasts	AOAC official method 997.02. year 2002  Yeast and Mold Counts in Food Petrifilm Method in food for human consumption
		Enterobacteriaceae	AOAC official method 2003.01. year 2006  Enumeration of Enterobacteriaceae in Selected Foods in food for human consumption
		Staphylococcus aureus coagulase positive	AOAC official method 2003.07. year 2006  Method for the Enumeration of Staphylococcus aureus in Selected Dairy Foods in processed and prepared foods, Dairy products, Vegetables/Frozen mixed, Meat, Seafood and Poultry
		Staphylococcus aureus coagulase positive	AOAC official method 2003.11. year 2006

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Food Microbiology (cont'd.)	Food and Food Products (including water) (cont'd.)		Enumeration of Staphylococcus aureus in Selected Meat, Sea food, and Poultry Using Petrifilm Staph Express Count Plate Method in Meat, Seafood and Poultry
		Vibrio parahaemolyticus	FDA Bacteriological Analytical Manual, on line 2004.Chapter 9  Vibrio in Food for human consumption, Meat, Seafood and Poultry
		Sample Collection	PE-5009 (Rev. 10)  Microbiological Sample Collection in Food for human consumption, Utensils, surfaces and manipulators
	Food for Human Consumption and Hydrobiological Products	Coliforms and Fecal Coliforms	NCh2635/1:2001  Hydrobiological products - Determination of coliforms - Part 1: Determination of fecal coliforms and coliforms - Most probable number technique (NMP) in food for human consumption, food for animal consumption and Hydrobiological Products (except live bivalves mollusks)
		Listeria monocytogenes	NCh2657:2001  Hydrobiological products - Detection of Listeria monocytogenes in food for human consumption, food for animal consumption and Hydrobiological Products
		Listeria monocytogenes	NCh2657/2:2007  Microbiology of food for human and animal consumption - Horizontal method for the detection and enumeration of Listeria monocytogenes - Part 2: Method of enumeration in food for human consumption,

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Food Microbiology (cont'd.)	Food for Human Consumption and Hydrobiological Products (cont'd.)		food for animal consumption and Hydrobiological Products
		Mesophilic aerobic microorganisms	NCh2659:2002  Hydrobiological products - Determination of mesophilic aerobic microorganisms - Plate counting technique at 35 ° C in food for human consumption (except dairy products), food for animal consumption and Hydrobiological Products
		Detection of Salmonella spp.	ISO 6579-1:2017. Microbiology of the food chain - Horizontal method for the detection, enumeration and serotyping of Salmonella. Part1: Detection of Salmonella spp.
		Staphylococcus aureus coagulase positive	NCh2671:2002  Hydrobiological products - Positive coagulase Staphylococcus aureus count - Baird-Parker agar plate counting technique in food for human consumption and food for animal consumption
		Salmonella	NCh2675:2002  Hydrobiological products - Salmonella detection in food for human consumption, food for animal consumption and Hydrobiological Products
		Enterobacteriaceae	NCh2676:2002  Hydrobiological products - Determination of Enterobacteriaceae without resuscitation - NMP technique and plate counting technique in food for human consumption, food for animal consumption and Hydrobiological Products
		Escherichia coli $\beta$ -glucuronidase-positive	NCh3056:2007  Microbiology of food for human and animal consumption -

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
<b>Food Microbiology</b> (cont'd.)	Food for Human Consumption and Hydrobiological Products (cont'd.)		Horizontal method for the enumeration of Escherichia coli B-glucuronidase positive - Technique of the most probable number using 5-bromo-4-chloro-3-indolyl-B-D-glucuronide in food for human consumption, food for animal consumption, Hydrobiological Products and Bivalve mollusks
		Salmonella spp	VIDAS Method AFNOR BIO-12/16-09/05 for VIDAS SLM  Salmonella Method in Food for human consumption and Hydrobiological Products, Feed products and Utensils, surfaces and manipulators
	Food for human consumption, Hydrobiological Products, and process waters	Listeria monocytogenes	VIDAS Method LMO2 AFNOR (BIO12/11 – 03/04)  Detection and confirmation of Listeria monocytogenes in Food for human consumption, Hydrobiological Products, Utensils, surfaces and manipulators and process waters
	Hydrobiological Products and Food for Human Consumption	Staphylococcus aureus	NCh2671:2002  Hydrobiological products - Positive coagulase Staphylococcus aureus count - Baird-Parker agar plate counting technique in Hydrobiological Products and food for animal consumption
<b>Environmental – Microbiology</b>	Waters According to Method	Clostridium perfringens	Directiva 98 / 83 / CE del Consejo de 3 de noviembre de 1998 Sección XI  ICR Microbiology Laboratory Manual in Drinking Water, Potable Water and Process Water
		Intestinal enterococci	ISO 7899-2:2000

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
<b>Environmental – Microbiology</b> (cont'd.)	Waters According to Method (cont'd.)		Water quality -- Detection and enumeration of intestinal enterococci – Part 2: Membrane filtration method in Drinking Water, Water from swimming pools, Process Water and other disinfected or clean waters
		Coliform bacteria and Escherichia coli	ISO 9308-1:2014  Water quality - Detection and enumeration of Escherichia coli and coliform bacteria - Part 1: Membrane filtration method in Drinking Water, Disinfected pool water, or Finished Water from drinking water treatment plants and Process water
		Escherichia coli	ME-01-2007  Superintendence of Sanitary Services. Manual of assays for Potable Water. Multiple tubes method in Drinking Water and Catchment Water
		Total Coliforms	NCh1620/1:1984  Drinking water - Determination of total coliform bacteria - Part 1: Multiple tubes method (NMP) in Drinking Water and Catchment Water
		Sample Collection	PICH-211 (Rev. 8)  Sample Collection for Drinking Water, Catchment Sources and Raw Waters in Potable Water, Surface Water, Sea Water, Drinking Water, Natural Water, Water for Industrial use
		Fecal coliforms	SM 9221E 23 <sup>rd</sup> edition  Standards Methods For the examination of water and wastewater Thermotolerant (Fecal) Coliform Procedure in Drinking Water, Wastewater, Surface Water, Groundwater,



# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
<b>Environmental – Microbiology</b> (cont'd.)			Sea Water, Saltwater, Brackish Water, Potable Water, Natural Water and Water for Industrial Use
	Wastewater	Sample Collection	PICH-212 (Rev. 6)  Wastewater Sample Collection in Wastewater
	Drinking Water, Wastewater, Natural Water, Water for Industrial Use, Sea water, Saltwater and Brackish Water	Total Coliforms	SM 9221B 23 <sup>rd</sup> edition  Standards Methods For the examination of water and wastewater Standard Total Coliform Fermentation Technique in Drinking Water, Wastewater, Natural Water, Water for Industrial Use, Sea water, Saltwater and Brackish Water
	Seawater, Natural Water and Treated Wastewater	Fecal coliforms	SM 9221E.2 23 <sup>rd</sup> edition  Standards Methods For the examination of water and wastewater Thermotolerant (Fecal) Coliform Direct Test (A-1 Medium) in Seawater, Natural Water and Treated Wastewater (direct method A1)
	Drinking Water, Wastewater, Surface Water, Groundwater, Sea Water, Saltwater, Brackish Water, Potable Water, Natural Water and Water for Industrial Use	Escherichia coli	SM 9221F 23 <sup>rd</sup> edition  Standards Methods For the examination of water and wastewater Escherichia Coli Procedure Using Fluorogenic Substrate in Drinking Water, Wastewater, Surface Water, Groundwater, Sea Water, Saltwater, Brackish Water, Potable Water, Natural Water and Water for Industrial Use
	Drinking Water, Disinfected pool water, or Finished Water from drinking water treatment plants and Process water	Mesophilic Aerobics	IT-1206 (Rev. 1). Mesophilic aerobes Plate Count in water - Pour Plate Technique. Based on SMWW 9215B 23 <sup>rd</sup> edition

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
<b>Environmental – Microbiology</b> (cont'd.)	Utensils, Surfaces and Manipulators	Mesophilic Aerobics	PC-375 (Rev.2)  Aerobic Mesophilic Counts AMC Using Petrifilm Based on AOAC official method 990.12 year 2002 and NCh 3057 Of 2007 in Utensils, surfaces and manipulators
		Mold and yeasts	PC-376 (Rev.2)  Mold and Yeast Count Using Petrifilm Based on official method AOAC official method 997.02 and NCh 3057.Of2007 in Utensils, surfaces and manipulators
		Escherichia coli and coliforms	PC-377 (Rev.2)  Escherichia Coli and Coliforms Counts Using Petrifilm Based on official method AOAC official method 991.14 year 2002 and NCh 3057 of 2007 in Utensils, surfaces and manipulators
		Staphylococcus aureus coagulase positive	PC-378 (Rev.2)  Count of Staphylococcus Aureus Using Petrifilm Based on AOAC official method 2003.07 year 2006 and NCh 3057 of 2007 in Utensils, surfaces and manipulators
		Enterobacteria	PC-379 (Rev.2)  Determination of Enterobacteriaceae Based on AOAC official method 2003.01 year 2006 and NCh 3057 of 2007 in Utensils, surfaces and manipulators
		Mesophilic aerobic microorganisms	PC-380 (Rev.2)  Determination of Aerobic Mesophilic Microorganisms at 35°C Based on official method NCh2659.Of2002 and NCh 3057 of 2007 in Utensils, surfaces and manipulators



# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

<b>FIELDS OF TESTING</b>	<b>MATERIAL/ MATRIX</b>	<b>DETERMINANT(S)/ ANALYTE(S)</b>	<b>METHOD REFERENCE</b>
<b>Environmental – Microbiology</b> (cont'd.)	Utensils, Surfaces and Manipulators (cont'd.)	Coliforms, Fecal Coliforms	PC-381 (Rev.2)  Detection of Coliforms and Fecal Coliforms (Presence/Absence) based on NCh2635/1 of 2001 and NCh 3057 of 2007 in Utensils, surfaces and manipulators
		Staphylococcus aureus coagulase positive	PC-382 (Rev.2)  Determination and Detection of Staphylococcus Aureus Positive Coagulase (UFC) (Presence/Absence) NCh2671 of 2002 and NCh 3057 of 2007 in Utensils, surfaces and manipulators
		Sample Collection	PE-5009 (Rev. 10)  Microbiological Sample Collection in Food for human consumption, Utensils, surfaces and manipulators
	Utensils, surfaces and manipulators and process waters	Listeria monocytogenes	VIDAS Method LMO2 AFNOR (BIO12/11 – 03/04)  Detection and confirmation of Listeria monocytogenes in Food for human consumption, Hydrobiological Products, Utensils, surfaces and manipulators and process waters
<b>Hydrobiological Products / Microbiology</b>	Food and Food Products	Staphylococcus aureus coagulase positive	AOAC official method 2003.07. year 2006  Method for the Enumeration of Staphylococcus aureus in Selected Dairy Foods in processed and prepared foods, Dairy products, Vegetables/Frozen mixed, Meat, Seafood and Poultry
		Staphylococcus aureus coagulase positive	AOAC official method 2003.11. year 2006 Enumeration of Staphylococcus aureus in Selected Meat, Sea food, and Poultry Using

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Hydrobiological Products / Microbiology (cont'd.)	Food and Food Products (cont'd.)		Petrifilm Staph Express Count Plate Method in Meat, Seafood and Poultry
		Vibrio parahaemolyticus	FDA Bacteriological Analytical Manual, on line 2004.Chapter 9  Vibrio in Food for human consumption, Meat, Seafood and Poultry
	Hydrobiological Products	Coliforms and Fecal Coliforms	NCh2635/1:2001  Hydrobiological products - Determination of coliforms - Part 1: Determination of fecal coliforms and coliforms - Most probable number technique (NMP) in food for human consumption, food for animal consumption and Hydrobiological Products (except live bivalves mollusks)
		Listeria monocytogenes	NCh2657:2001  Hydrobiological products - Detection of Listeria monocytogenes in food for human consumption, food for animal consumption and Hydrobiological Products
		Listeria monocytogenes	NCh2657/2:2007  Microbiology of food for human and animal consumption - Horizontal method for the detection and enumeration of Listeria monocytogenes - Part 2: Method of enumeration in food for human consumption, food for animal consumption and Hydrobiological Products
Mesophilic aerobic microorganisms	NCh2659:2002  Hydrobiological products - Determination of mesophilic aerobic microorganisms - Plate counting technique at 35 ° C in food for human consumption (except dairy products), food for		

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
<b>Hydrobiological Products</b> / Microbiology (cont'd.)	Hydrobiological Products (cont'd.)		animal consumption and Hydrobiological Products
		Staphylococcus aureus coagulase positive	NCh2671:2002  Hydrobiological products - Positive coagulase Staphylococcus aureus count - Baird-Parker agar plate counting technique in food for human consumption and food for animal consumption
		Salmonella	NCh2675:2002  Hydrobiological products - Salmonella detection in food for human consumption, food for animal consumption and Hydrobiological Products
		Enterobacteriaceae	NCh2676:2002  Hydrobiological products - Determination of Enterobacteriaceae without resuscitation - NMP technique and plate counting technique in food for human consumption, food for animal consumption and Hydrobiological Products
		Escherichia coli $\beta$ -glucuronidase-positive	NCh3056:2007  Microbiology of food for human and animal consumption - Horizontal method for the enumeration of Escherichia coli B-glucuronidase positive - Technique of the most probable number using 5-bromo-4-chloro-3-indolyl-B-D-glucuronide in food for human consumption, food for animal consumption, Hydrobiological Products and Bivalve mollusks
Salmonella spp	VIDAS Method AFNOR BIO-12/16-09/05 for VIDAS SLM  Salmonella Method in Food for human consumption and Hydrobiological Products, Feed		

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Hydrobiological Products / Microbiology (cont'd.)	Hydrobiological Products (cont'd.)		products and Utensils, surfaces and manipulators
		Listeria monocytogenes	VIDAS Method LMO2 AFNOR (BIO12/11 – 03/04)  Detection and confirmation of Listeria monocytogenes in Food for human consumption, Hydrobiological Products, Utensils, surfaces and manipulators and process waters
		Staphylococcus aureus	NCh2671:2002  Hydrobiological products - Positive coagulase Staphylococcus aureus count - Baird-Parker agar plate counting technique in Hydrobiological Products and food for animal consumption
		Mesophilic aerobes and facultative anaerobes	GOST 10444.15-94  Method for the determination of the quantity of facultative mesophilic and anaerobic aerobes in Hydrobiological Products
		Staphylococcus aureus	GOST 31746-2012  Methods of detection and determination of the number of coagulase-positive staphylococci and Staphylococcus aureus in Hydrobiological Products
		Total coliforms	GOST R52816-2007  Method for the quantification and detection of total coliforms in Hydrobiological Products
		Sampling	LABD NT1  Procedures for sampling in aquatic animals. Sernapesca
	Fresh Hydrobiological	Sensory examination, External appearance, Eyes,	Manual of Safety and Certification, Sernapesca, Part

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
<b>Hydrobiological Products</b> / Physical-organoleptic analysis	Products, Fresh Processed and Processes	Gills, Consistency, Abdominal cavity	II, Section III, Chapter IV. Current Version  Physical-organoleptic analysis in Fish, Live fishing products, cooled, refrigerated, and processed fish products
		Sensory examination, Eyes, Musculature, Membranes, Thoracic abdominals, Odor, Presence of melanosis	Manual of Safety and Certification, Sernapesca, Part II, Section III, Chapter IV. Current Version  Physical-organoleptic analysis in Crustaceans, Fish, Live fishing products, cooled, refrigerated, and processed fish products
		Sensory examination, General Condition, Condition of the Shell, Reaction to percussion, Odor, Intervalvular fluid	Manual of Safety and Certification, Sernapesca, Part II, Section III, Chapter IV. Current Version  Physical-organoleptic analysis in Bivalve molluscs and gastropods, Live fishing products, cooled, refrigerated, and processed fish products
		Sensory examination, Species, Presentation, Appearance, Parasites, Odor, Colour, Texture	Manual of Safety and Certification, Sernapesca, Part II, Section III, Chapter IV. Current Version  Physical-organoleptic analysis in Frozen fish and cephalopods (raw or cooked) and Smoked fish product
		Sensory examination, Species, Presentation, Appearance, Odor, Colour, Taste	Manual of Safety and Certification, Sernapesca, Part II, Section III, Chapter IV. Current Version  Physical-organoleptic analysis in Surimi
		Sensory examination, Species, Presentation, Appearance, Odor, Colour	Manual of Safety and Certification, Sernapesca, Part II, Section III, Chapter IV. Current Version

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
<b>Hydrobiological Products</b> / Physical-organoleptic analysis (cont'd.)	Fresh Hydrobiological Products, Fresh Processed and Processes (cont'd.)		Physical-organoleptic analysis in Frozen crustaceans (raw or cooked)
		Sensory examination, Species, Presentation, Appearance, Odor, Texture	Manual of Safety and Certification, Sernapesca, Part II, Section III, Chapter IV. Current Version  Physical-organoleptic analysis in Bivalve molluscs, gastropods, tunicates and echinoderms frozen (raw or cooked)
		Sensory examination, External appearance, Odor, Meat, Tentacles (only decapods)	Manual of Safety and Certification, Sernapesca, Part II, Section III, Chapter IV. Current Version  Physical-organoleptic analysis in Cephalopods, Fish, Live fishing products, cooled, refrigerated, and processed fish products
<b>Molecular Biology</b> / Pathology	Organs and Fluids	Alphavirus salmonis (SAv), Piscirickettsia salmonis (causative of SRS), infectious salmon anemia virus (ISAv), Renibacterium salmoninarum, haemorrhagic septicemia virus (VHSV), infectious hematopoietic necrosis virus (IHNV), epizootic hematopoietic necrosis virus (EHNv), infectious pancreatic necrosis virus (IPNV), Flavobacterium psychrophilum, Piscine myocarditis virus (PMCV)	PC-383 (Rev. 5)  Procedure for Analysis of Samples by PCR and RT-PCR in Real Time Based on: LABD/NT2, Sernapesca in Organs and fluids of salmonids
		Piscirickettsia salmonis (causative of SRS), Renibacterium salmoninarum (cause of BKD)	PC-384 (Rev. 3)  Sample Analysis using Immunofluorescence Based on: LABD / NT2, Sernapesca. Effective indirect immunofluorescence assay (IFAT) in Organs and fluids of salmonids



# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
<b>Molecular Biology / Pathology</b> (cont'd.)	Organs and Fluids (cont'd.)	Sampling of organs of salmonids	Resolution N° 61 2011 Establishes Specific Health Program for active surveillance for high risk diseases for fish. Sernapesca
		Sampling of organs and fluids	Resolution N° 70. 2011 General health sanitary management program for fish reproduction. Sernapesca
		Sampling of organs of salmonids	Resolution N°227 Modifies exempt resolution No. 61 of 2003 approves specific sanitary program of active surveillance for High Risk diseases (RAS) in farmed fish
		Sampling of organs of salmonids	Resolution N° 1577 2011 Establishes specific sanitary program for the surveillance and control of salmon infectious anemia (PSEVC-ISA) and repeals resolutions that indicate. Sernapesca
		Sampling of organs of salmonids	Resolution N° 3174 2013 Establishes specific sanitary program for surveillance and control of Piscirickettsiosis (PSEVC-Piscirickettsiosis). Sernapesca
<b>Molecular Biology / Environmental</b>	Surfaces, Wastewater and Sludge Samples	SARS-COV-2	PE-465 (Rev.1) Detection of SARS-COV-2 by Real time RT-PCR for surfaces, food surfaces, food, drinking water, wastewater and sludge samples ( <u>human samples are excluded</u> ).
<b>Molecular Biology / Food</b>	Food Surfaces, Food, Drinking Water	SARS-COV-2	PE-465 (Rev.1) Detection of SARS-COV-2 by Real time RT-PCR for surfaces, food surfaces, food, drinking water, wastewater and sludge

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			samples ( <u>human samples are excluded</u> ).
Animal Feed	Animal Feed	Vitamin C Monophosphate	PC-385 (Rev.2)  Determination of Ascorbyl-2-Monophosphate in Feed and Premix Based on C. Brodhag, C. Grunenwald and E. Keck. 1997 ROCHE in Fish Feed
		Vitamin E (Tocopherol Acetate)	PC-386 (Rev.1)  Determination of Vitamin E (dl-alpha-tocopheryl acetate) in Dry Vitamin Premixes by HPLC Based on " W. Schüep and P. Hoffman. ROCHE in Fish Feed
		Astaxanthin	PC-387 (Rev.1)  Determination of stabilized Astaxanthin in premixes and feeds Based on Schierle, N. Faccin, V. Riegert version 1.4 (02.05.05) ROCHE in Fish Feed
	Food for Animal Consumption	Coliforms and Fecal Coliforms	NCh2635/1:2001  Hydrobiological products - Determination of coliforms - Part 1: Determination of fecal coliforms and coliforms - Most probable number technique (NMP) in food for human consumption, food for animal consumption and Hydrobiological Products (except live bivalves mollusks)
		Listeria monocytogenes	NCh2657:2001  Hydrobiological products - Detection of Listeria monocytogenes in food for human consumption, food for animal consumption and Hydrobiological Products
		Listeria monocytogenes	NCh2657/2:2007  Microbiology of food for human and animal consumption -

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Animal Feed (cont'd.)	Food for Animal Consumption (cont'd.)		Horizontal method for the detection and enumeration of <i>Listeria monocytogenes</i> - Part 2: Method of enumeration in food for human consumption, food for animal consumption and Hydrobiological Products
		Mesophilic aerobic microorganisms	NCh2659:2002  Hydrobiological products - Determination of mesophilic aerobic microorganisms - Plate counting technique at 35 ° C in food for human consumption (except dairy products), food for animal consumption and Hydrobiological Products
		Staphylococcus aureus coagulase positive	NCh2671:2002  Hydrobiological products - Positive coagulase Staphylococcus aureus count - Baird-Parker agar plate counting technique in food for human consumption and food for animal consumption
		Salmonella	NCh2675:2002  Hydrobiological products - Salmonella detection in food for human consumption, food for animal consumption and Hydrobiological Products
		Enterobacteriaceae	NCh2676:2002  Hydrobiological products - Determination of Enterobacteriaceae without resuscitation - NMP technique and plate counting technique in food for human consumption, food for animal consumption and Hydrobiological Products
		Escherichia coli β-glucuronidase-positive	NCh3056:2007  Microbiology of food for human and animal consumption - Horizontal method for the

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Animal Feed (cont'd.)	Food for Animal Consumption (cont'd.)		enumeration of Escherichia coli B-glucuronidase positive - Technique of the most probable number using 5-bromo-4-chloro-3-indolyl-B-D-glucuronide in food for human consumption, food for animal consumption, Hydrobiological Products and Bivalve mollusks
		Salmonella spp	VIDAS Method AFNOR BIO-12/16-09/05 for VIDAS SLM  Salmonella Method in Food for human consumption and Hydrobiological Products, Feed products and Utensils, surfaces and manipulators
		Staphylococcus aureus	NCh2671:2002  Hydrobiological products - Positive coagulase Staphylococcus aureus count - Baird-Parker agar plate counting technique in Hydrobiological Products and food for animal consumption