



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

WORLD SURVEY SERVICES S.A.
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BIOLOGICAL

Valid To: September 30, 2027

Certificate Number: 5166.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on fishmeal, hydrobiological products, drinking water and ice, animal feed, food, fish oil, utensils, food handlers, work surfaces:

<u>Test/Technology</u>	<u>Test Method(s)</u>	<u>Reference Method(s)</u>
Determination of Aerobic Mesophilic Microorganisms and Facultative Anaerobes Count – CFU	INS-LAB/MET-025	GOST 10444.15-94
Determination of Aerobic Mesophilic Microorganisms at 35C – CFU	INS-LAB/MET-004	NCh2659.Of2002
	INS-LAB/MET-037	NCh2659.Of2002; NCh3057.Of2007
Determination of <i>Bacillus cereus</i> – MPN-UFC	INS-LAB/MET-044	BAM Online Chapter 14: <i>Bacillus cereus</i> (Modified)
Determination of Coliforms and Fecal Coliforms – MPN	INS-LAB/MET-012	NCh2635/1.Of 2001; Manual de Inocuidad y Certificación, Parte II, Sección IV, Online, SERNAPESCA
Determination of Coliforms – CFU	INS-LAB/MET-043	NCh2635/2.Of 2001; Manual de Inocuidad y Certificación, Parte II, Sección IV, Online, SERNAPESCA
	INS-LAB/MET-039	NCh2635/2.Of 2001; NCh3057.Of 2007
Detection and Determination of Coliforms (Presence/Absence)	INS-LAB/MET-026	GOST 31747-2012
Determination of Coliforms and <i>Escherichia coli</i> (Presence/Absence) – CFU by Membrane Filtration	INS-LAB/MET-021	ISO 9308-1:2014/Amd1:2016
Determination of Coliforms, Fecal Coliforms and <i>E. coli</i> – MPN	INS-LAB/MET-018	NCh2732.Of 2002
Determination of <i>Clostridium perfringens</i> – CFU	INS-LAB/MET-032	BAM Online Chapter 16: <i>Clostridium perfringens</i>
	INS-LAB/MET-028	Directive 98/83/CE of November 3 rd 1988 Membrane Filtration

<u>Test/Technology</u>	<u>Test Method(s)</u>	<u>Reference Method(s)</u>
Detection and Determination of Enterococcus – CFU by Membrane Filtration	INS-LAB/MET-022	ISO 7899-2:2000
Determination of <i>E. coli</i> – MPN	INS-LAB/MET-011	NCh2636.Of2001
	INS-LAB/MET-034	NCh2636.Of2001; NCh3057.Of2007
Determination of <i>E. coli</i> (β -Glucoronidase Positive) – MPN	INS-LAB/MET-031	NCh3056.Of.2007; ISO 16649-3:2015
Determination of Enterobacteriaceae without Resuscitation – MPN-CFU	INS-LAB/MET-008	NCh2676.Of2002
	INS-LAB/MET-035	NCh2676.Of2002; NCh3057.Of2007
Determination of Fungi- <i>Aspergillus</i> (Presence/Absence)	INS-LAB/MET-015	NCh2735.Of2002
Determination of Fungi- Yeast and Mold – CFU	INS-LAB/MET-006	NCh2734.Of2002
	INS-LAB/MET-036	NCh2734.Of2002; NCh3057.Of2007
Detection of <i>Listeria monocytogenes</i> (Presence/Absence)	INS-LAB/MET-016	ISO11290-1:2017; Manual de Inocuidad y Certificación, Parte II, Sección IV, Online, SERNAPESCA
	INS-LAB/MET-013	NCh2657.Of 2001; Manual de Inocuidad y Certificación, Parte II, Sección IV, Online, SERNAPESCA
	INS-LAB/MET-041	NCh 2657.Of 2001; NCh 3057.Of 2007
Determination of <i>Staphylococcus aureus</i> Coagulase Positive – CFU	INS-LAB/MET-009	NCh 2671.Of2002
	INS-LAB/MET-038	NCh 2671.Of2002; NCh 3057.Of2007
Determination of <i>S. aureus</i> Coagulase Positive – Presence/Absence	INS-LAB/MET-042	GOST 31746:2012; Manual de Inocuidad y Certificación, Parte II, Sección IV, Online, SERNAPESCA
Determination of <i>S. aureus</i> Coagulase Positive –MPN	INS-LAB/MET-010	NCh2828.Of2003
Detection of <i>Salmonella</i> spp. (Presence/Absence)	INS-LAB/MET-007	NCh2675.Of2002; Manual de Inocuidad y Certificación, Parte II, Sección IV, Online, SERNAPESCA
	INS-LAB/MET-033	NCh2675.Of2002; NCh3057.Of2007
Detection of <i>Salmonella</i> spp. (Presence/Absence)	INS-LAB/MET-045	ISO 6579-1:2017/Amd 1:2020; Manual de Inocuidad y Certificación, Parte II, Sección IV, Online, SERNAPESCA
Detection of <i>Shigella</i> spp. (Presence/Absence)	INS-LAB/MET-023	ISO 21567:2004
Determination of <i>Vibrio parahaemolyticus</i> – MPN	INS-LAB/MET-024	BAM Online Chapter 9: <i>Vibrio</i> (Modified)
Enumeration of <i>L. monocytogenes</i> – CFU	INS-LAB/MET-040	ISO11290-2:2017

<u>Test/Technology</u>	<u>Test Method(s)</u>	<u>Reference Method(s)</u>
Organoleptic and Physical Test	INS-LAB/MET-029	Manual de Inocuidad y Certificación, Parte II, Sección III, Capítulo IV; Parte II, Sección IV, Capítulo III, Online, SERNAPESCA
Sampling		
Drinking Water and Ice; Fishmeal; Fish Oil; Food and Hydrobiological Products; Utensils, Manipulators, Surfaces, and Ambiance	PRO-IYM-005 PRO-IYM-008 PRO-IYM-009 PRO-IYM-003 PRO-IYM-004	NCh409/2; Manual de Métodos de Análisis de Agua Potable, SISS Manual de Inocuidad y Certificación, Parte II, Sección IV, Capítulo II, Online, SERNAPESCA; NCh43





Accredited Laboratory

A2LA has accredited

WORLD SURVEY SERVICES S.A.

Concepción, CHILE

for technical competence in the field of

Biological Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 April 2017).



Presented this 3rd day of November 2025.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5166.01
Valid to September 30, 2027

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