



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

QUALITY LAB LABORATORIO, CONSULTORIA Y CAPACITACION SPA, Y QUALITY LAB SPA
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BIOLOGICAL

Valid To: July 31, 2024

Certificate Number: 4861.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on food products, water, and environmental samples:

Test Type/Technology	Test Method(s)	Reference Method(s)
Aerobic by Plate Count	ITE-02-01 ITE 02-16 ITE 02-01-3	FDA/BAM Chapter 3 FDA/BAM Chapter 3 ISO 4833-1
<i>Bacillus cereus</i> by Plate Count	ITE 02-09	FDA/BAM Chapter 14
<i>Clostridium perfringens</i> by Plate Count	ITE 02-08 ITE 02-08-1	FDA/BAM Chapter 16 ISO 14189
Detection and Enumeration of <i>Listeria</i> spp. and <i>Listeria monocytogenes</i>	ITE 02-15 ITE 02-18 ITE 02-25 ITE 02-05 ITE 02-17 ITE 02-05-2	ISO 11290 Part 1-2 ISO 11290 Part 1-2 ISO 11290 Part 1-2 FDA/BAM Chapter 10 FDA/BAM Chapter 10 Laboratory Guidebook Notice of Change, MLG 8.11, USDA
Detection of Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) and the Determination of O26, O45, O103, O111, O121, O145 and O157 Serogroups by PCR	ITE 02-41	GENE-UP®EHEC Series (Immunoconcentration) ISO/TS 13136 and AOAC Certificate N° 121806
<i>E. coli</i> and Coliform Bacteria by Plate Count, MPN	ITE 02-03 ITE 02-21	FDA/BAM Chapter 4 FDA/BAM Chapter 4

Test Type/Technology	<u>Test Method(s)</u>	<u>Reference Method(s)</u>
Enterobacteriaceae by Plate Count	ITE 02-07-1 ITE 02-07 ITE 02-20	ISO 21528 Part 1- 2 NCh2676 NCh2676
Enumeration of Culturable Micro-Organisms	ITE-02-42	ISO 6222
Fecal Coliform by MPN	-----	SM 9221 E1 - NCh2313/22 SM 9221 E2 - NCh2313/23
Fecal Enterococcus/Streptococcus by MPN	ITE 02-40	SM 9230 B
Heat-resistant Molds by Plate Count	ITE 02-33	APHA, Compendium of Methods Chapter 22
Hepatitis A Virus and Norovirus GI, GII by PCR	ITE 02-38	ISO 15216-2
Heterotrophic by Plate Count	ITE 02-10	SM 9215 B
Howard Mold Counting	ITEQ 03-03	Microscopic
Mesophilic Aerobic Count	ITE 02-01-2	AOAC 966.23
Petrifilm Techniques by Count:		
Aerobic by Plate Count	ITE 02-01-1 ITE 02-39	AOAC 986.33 or 990.12 or 989.10
Yeasts and Molds	ITE 02-02-3 ITE 02-39	AOAC 2014.05
Total Coliforms, <i>E. coli</i>	ITE 02-03-1 ITE 02-39	AOAC 991.14 or 998.08
<i>Staphylococcus aureus</i>	ITE 02-06-1 ITE 02-39	AOAC 2003.07 or 2003.08 or 2003.11
<i>Listeria</i>	ITE 02-05-1 ITE 02-39	AOAC Certificate N°030601
<i>Pseudomonas aeruginosa</i> by Plate Count, MPN	ITE 02-13	SM 9213 E SM 9213 F
Reducing Sulfite Anaerobic Bacteria by Plate Count	ITE-02-23	ISO 15213

Test Type/Technology	<u>Test Method(s)</u>	<u>Reference Method(s)</u>
<i>Salmonella</i> spp. Detection	ITE 02-04-1 ITE 02-04 ITE 02-24 ITE 02-04-2	FDA/BAM Chapter 5 NCh2675 NCh2675 FDA/BAM <i>Salmonella</i> in Water, Version 1
Sampling Utensils, Surfaces, Environment and Manipulators; Sampling of Food for Human Consumption and Food for Animal Consumption	ITM 02-01 PT 02-10	NCh3057 ISO 18593 ISO 17728 ISO 707 ICMSF, Microorganisms in Foods 2: Sampling for Microbiological Analysis: Principles and Specific Applications
<i>S. aureus</i> , <i>Staphylococcus</i> spp., and <i>Staphylococcus</i> Coagulase Positive by Plate Count	ITE 02-06	FDA/BAM Chapter 12 NCh2671 NCh2828
<i>S. aureus</i> , <i>Staphylococcus</i> spp., and <i>S. Coagulase Positive</i> by MPN	ITE 02-22	FDA/BAM Chapter 12 NCh2671 NCh2828
Sterility Testing by Mesophilic and Thermophilic Determination aerobes and anaerobes in Foods	ITE 02-36	NCh 2731
TEMPO Techniques by Count:		
Aerobic Count	ITE 02-45	TEMPO®AC AFNOR BIO 12/35-05/13 - AOAC RI PTM 121204
<i>B. cereus</i>	ITE 02-45	TEMPO®BC AOAC RI PTM 071401
<i>Campylobacter</i>	ITE 02-45	TEMPO®CAM AFNOR BIO 12/43-04/20
Coliform Count	ITE 02-45	TEMPO®CC AOAC RI PTM 060702
<i>E. coli</i>	ITE 02-45	TEMPO®EC AFNOR BIO 12/13-02/05 - AOAC RI PTM 080603 AOAC Official Methods 2009.02
Enterobacteriaceae	ITE 02-45	TEMPO®EB AFNOR BIO 12/21-12/06 - AOAC RI PTM 050801
Lactic Acid Bacteria	ITE 02-45	TEMPO®LAB

Test Type/Technology	<u>Test Method(s)</u>	<u>Reference Method(s)</u>
<i>S. aureus</i> (Coagulase Positive Staphylococci)	ITE 02-45	TEMPO®STA AFNOR BIO 12/28-04/10 - AOAC RI PTM 120901
Total Coliforms	ITE 02-45	TEMPO®TC AFNOR BIO 12/17-12/05
Yeasts and Molds	ITE 02-45	TEMPO®YM AOAC RI PTM 041001
Total Coliforms, Fecal Coliform, and <i>E. coli</i> by Colilert and MPN	ITE 02-11-1 ITE 02-11	SM 9223 B SM 9221 B SM 9221 E SM 9221 F ME-01-2007
Total Coliforms, Fecal Coliform, and <i>E. coli</i> Membrane Filtration by Plate Count	ITE 02-12	SM 9222 B ME-02-2007
<i>Vibrio cholerae</i> by Detection	ITE 02-44 ITE 02-44-1	FDA/BAM Chapter 9 SM 9260 H
VIDAS Techniques by Detection:		
<i>E. coli</i> O157 (Including H7)	ITE 02-27	VIDAS®UP <i>E. coli</i> O157 (inc.H7) (ECPT) AFNOR BIO-12/25-05/09 - AOAC PTM 060903
<i>Listeria</i> spp. and <i>L. monocytogenes</i>	ITE 02-34	VIDAS® <i>Listeria</i> Duo (LDUO) AFNOR BIO 12/18-03/06 AOAC PTM 100702
<i>Listeria</i> spp.	ITE 02-31	VIDAS®UP <i>Listeria</i> (LPT) AFNOR BIO-12/33-05/12 - AOAC OMA 2013.10
<i>L. monocytogenes</i>	ITE 02-30	VIDAS® <i>Listeria monocytogenes</i> Xpress (LMX) AFNOR BIO-12/27-02/10 - AOAC PTM 091103 OMA 2013.11
<i>Salmonella</i> spp.	ITE 02-29	VIDAS®UP <i>Salmonella</i> (SPT) AFNOR BIO -12/32-10/11 - AOAC PTM 071101 OMA 2013.01
<i>Salmonella</i> spp.	ITE 02-29	VIDAS® <i>Salmonella</i> (SLM) Simple Voie AFNOR BIO-12/10-09/02 Double Voie AFNOR BIO-12/1-4/94 Easy <i>Salmonella</i> AFNOR BIO-12/16-09/05 – AOAC PTM 020901 OMA 2011.03

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Wine Analysis by Plate Count: Acetic Bacteria Lactic Bacteria Mold Yeasts	ITE 02-37	Compendium of International Methods of Analysis of Wines and Must, OIV Method OIV-MA-AS4-01 Chapter 6
Yeasts and Molds by Plate Count	ITE 02-02-1 ITE 02-02-4 ITE02-02 ITE02-19 ITE 02-02-2	FDA/BAM Chapter 18 ISO 21527-2 NCh 2734 NCh 2734 SM 9610 B, C, D





Accredited Laboratory

A2LA has accredited

QUALITY LAB LABORATORIO, CONSULTORIA Y CAPACITACION SPA, Y QUALITY LAB SPA DBA QUALITY LAB SPA

Curico, 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 20th day of January 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4861.01
Valid to July 31, 2024
Revised June 20, 2024

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