



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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

Valid To: June 30, 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:

<b>Test Type/Technology</b>	<b>Test Method(s)</b>	<b>Reference Method(s)</b>
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

<b>Test Type/Technology</b>	<b><u>Test Method(s)</u></b>	<b><u>Reference Method(s)</u></b>
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

<b>Test Type/Technology</b>	<b><u>Test Method(s)</u></b>	<b><u>Reference Method(s)</u></b>
<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</i> Positive by MPN	ITE 02-22	FDA/BAM Chapter 12 NCh2671 NCh2828
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
<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



<b>Test Type/Technology</b>	<b><u>Test Method(s)</u></b>	<b><u>Reference Method(s)</u></b>
Yeasts and Molds	ITE 02-45	AFNOR BIO 12/17-12/05 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)  <i>Listeria</i> spp. and <i>L. monocytogenes</i>  <i>Listeria</i> spp.  <i>L. monocytogenes</i>  <i>Salmonella</i> spp.  <i>Salmonella</i> spp.	ITE 02-27  ITE 02-34  ITE 02-31  ITE 02-30  ITE 02-29  ITE 02-29	VIDAS®UP <i>E. coli</i> O157 (inc.H7) (ECPT) AFNOR BIO-12/25-05/09 - AOAC PTM 060903  VIDAS® <i>Listeria</i> Duo (LDUO) AFNOR BIO 12/18-03/06 AOAC PTM 100702  VIDAS®UP <i>Listeria</i> (LPT) AFNOR BIO-12/33-05/12 - AOAC OMA 2013.10  VIDAS® <i>Listeria monocytogenes</i> Xpress (LMX) AFNOR BIO-12/27-02/10 - AOAC PTM 091103 OMA 2013.11  VIDAS®UP <i>Salmonella</i> (SPT) AFNOR BIO -12/32-10/11 - AOAC PTM 071101 OMA 2013.01  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
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

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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 11<sup>th</sup> day of August 2022.

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

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4861.01  
Valid to June 30, 2024  
Revised August 18, 2022

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