



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

QUALITY LAB LTDA.  
Ruta J55 km 8 (Fundo El Techo, Lote 10)  
Camino Los Queñes Curico, Chile  
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BIOLOGICAL

Valid To: June 30, 2020

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</b>	<b>Reference Method</b>
Aerobic, 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> , Plate Count	ITE 02-09	FDA/BAM Chapter 14
<i>Clostridium perfringens</i> , 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>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	ISO/TS 13136 and MLG 5B.05 Ref. 43-04330 A 2016 3
Enterobacteriaceae, 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

<b>Test Type/Technology</b>	<b>Test Method</b>	<b>Reference Method</b>
<i>E. coli</i> and Coliform Bacteria, Plate Count, MPN	ITE 02-03 ITE 02-21	FDA/BAM Chapter 4 FDA/BAM Chapter 4
Fecal Coliform, MPN	ITE 02-43 ITE 02-14	SM 9221 E1 - NCh2313/22. SM 9221 E2 - NCh2313/23.
Fecal Enterococcus/Streptococcus, MPN	ITE 02-40	SM 9230 B
Heat-resistant Molds, Plate Count	ITE 02-33	APHA, Compendium of Methods Chapter 21
Hepatitis A Virus and Norovirus GI, GII by PCR	ITE 02-38	ISO 15216-2
Heterotrophic, 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, Count Aerobic, Plate Count  Yeasts and Molds  Total Coliforms, <i>E.Coli</i>  <i>Staphylococcus aureus</i>  <i>Listeria</i>	ITE 02-01-1 ITE 02-38 ITE 02-02-3 ITE 02-38 ITE 02-03-1 ITE 02-38 ITE 02-06-1 ITE 02-38 ITE 02-05-1 ITE 02-38	AOAC 986.33 or 990.12 or 989.10  AOAC 2014.05  AOAC 991.14 or 998.08  AOAC 2003.07 or 2003.08 or 2003.11  AOAC Certificate N°030601
<i>Pseudomona aeruginosa</i> Plate Count MPN	ITE 02-13	SM 9213 E SM 9213 F
Reducing Sulfite Anaerobic Bacteria, Plate Count	ITE-02-23	ISO 15213
<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 Salmonella in Water, Version 1

<b>Test Type/Technology</b>	<b>Test Method</b>	<b>Reference Method</b>
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>Staphylococcus aureus</i> , <i>Staphylococcus</i> spp. <i>Staphylococcus</i> coagulase positive Plate count, MNP	ITE 02-06  ITE 02-22	FDA/BAM Chapter 12 NCh2671 NCh2828 FDA/BAM Chapter 12 NCh2671 NCh2828
TEMPO Techniques, Count  TEMPO YM (molds/yeasts)  TEMPO STA ( <i>S. aureus</i> )  TEMPO BC ( <i>Bacillus cereus</i> )  TEMPO EB (Enterobacteriaceae)  TEMPO EC ( <i>E. coli</i> )  TEMPO TC (Total Coliforms) TEMPO CC (Coliforms Count) TEMPO LAB (Lactic Bacteria) TEMPO AC (Aerobic Bacteria Count)  TEMPO CAM (Campylobacter)	ITE 02-45	AOAC RI Certificate N° 041001 Ref. 80001  AFNOR BIO 12/28-04/10 - AOAC RI Certificate N° 120901 Ref. 80002  AOAC RI Certificate N° 071401 Ref. 80106  AFNOR BIO 12/21-12/06 - AOAC RI Certificate N°050801 Ref. 80003  AFNOR BIO 12/13-02/05 AOAC RI Certificate N° 080603 AOAC Official Methods 2009.02 Ref. 80004  AFNOR BIO 12/17-12/05 Ref. 80006 AOAC RI Certificate N°060702 Ref. 80044 TEMPO LAB Ref. 80071 AFNOR BIO 12/35-05/13 - AOAC RI Certificate N° 121204 Ref. 411113 TEMPO CAM Ref. 421509
Total Coliforms, Fecal Coliform and <i>E. coli</i> , Colilert, 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, Plate count	ITE 02-12	SM 9222 B

<b>Test Type/Technology</b>	<b>Test Method</b>	<b>Reference Method</b>
<i>Vibrio cholerae</i> , Detection	ITE 02-44 ITE 02-44-1	FDA/BAM Chapter 9 SM 9260 H
VIDAS Techniques, Detection VIDAS DUO <i>Listeria</i> spp. and <i>L. monocytogenes</i> VIDAS UP <i>Listeria</i> (LPT)	ITE 02-34  ITE 02-31	AFNOR BIO 12/18-03/06 AOAC Certificate N°100702  AFNOR BIO-12/33-05/12 - AOAC 2013.10 Ref. 30126
VIDAS (LMX) <i>L. monocytogenes</i> Xpress	ITE 02-30	AFNOR BIO-12/27-02/10 - AOAC 2013.11 Ref. 30123
VIDAS UP (SPT) <i>Salmonella</i> spp.	ITE 02-29	AFNOR BIO -12/32-10/11 - AOAC 2013.01 Ref. 30707
VIDAS (SLM) <i>Salmonella</i> spp.	ITE 02-29	AFNOR BIO-12/16-09/05 - AFNOR BIO-12/1-04/94 - AFNOR BIO-12/10-09/02 - AOAC 2004.03 - AOAC 996.08 - AOAC 2011.03
VIDAS UP (ECPT), <i>E. coli</i> O157 (Including H7)	ITE 02-27	AOAC RI Certificate N° 020901 Ref. 30702 AFNOR BIO-12/25-05/09 Ref. 30122 - AOAC RI Certificate N°060903
Wine Analysis, Plate Count Mold Yeasts Lactic Bacteria Acetic Bacteria	ITE 02-37	Compendium of International Methods of Analysis of Wines and Must, OIV
Yeasts and Molds, Plate Count	ITE 02-02-1 ITE 02-02-4 ITE-02-02 ITE-02-19 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 LTDA

*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 13<sup>th</sup> day of September 2018.

A blue ink signature of a person, likely the Vice President mentioned in the text below.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4861.01  
Valid to June 30, 2020  
Revised on October 09, 2019

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