



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BIOAGRI AMBIENTAL LTDA
Rua Pioneiro Miguel Jordão Martinês, 349
Maringá, Brazil 87065660
Raquel Diehl Phone: +55 44 3221 4110

BIOLOGICAL

Valid To: July 31, 2021

Certificate Number: 5362.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the A2LA Food Testing Program Requirements, containing the 2018 "AOAC *International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food, Dietary Supplements, and Pharmaceuticals*)," accreditation is granted to this laboratory to perform the following tests on food, feed, swab/sponges, potable, and non-potable water.

Test(s)	Laboratory Test Method(s)	Reference Method(s)
<i>Bacillus cereus</i> – Quantitative Determination by Spread Plate Counting Technique	ITMB 56	ISO 7932
<i>Clostridium perfringens</i> – Quantitative Determination by Pour Plate Counting Technique	ITMB 50	ISO 7937
Coliforms – Quantitative Determination by MPN Technique	ITMB 58	ISO 4831:2012
Coliforms – Quantitative Determination by Petrifilm® Technique.	ITMB 62	AOAC 991.14
Coliforms – Quantitative Determination by Pour Plate Counting Technique	ITMB 59	ISO 4832
Enterobacteriaceae – Quantitative Determination by Pour Plate Counting Technique	ITMB 45	ISO 21528-2
<i>Enterococcus</i>	ITMB 53	ISO 7899
<i>Escherichia coli</i>	ITMB 55	ISO 9308
<i>E. coli</i> – Quantitative Determination by Petrifilm® Technique	ITMB 62	AOAC 991.14 AOAC 998.08

Test(s)	Laboratory Test Method(s)	Reference Method(s)
Filth Testing – Qualitative Determination by Presence / Absence Technique	ITMM 06, 23, 25, 26, 27, 34, 37, 50.	AOAC 965.38 AOAC 972.37 AOAC 972.36 AOAC 970.70 AOAC 969.41 AOAC 972.32 AOAC 993.26 AOAC 965.39 AOAC 950.86 AOAC 955.46 AOAC 975.49 AOAC 972.40
Heterotrophic Bacteria	ITMB 52	ISO 6222
<i>Listeria monocytogenes</i> – Qualitative Determination by Presence / Absence Technique	ITMB 43	ISO 11290–1
<i>L. monocytogenes</i> – Qualitative Determination by Presence / Absence Technique (VIDAS®)	ITMB 31	AOAC 2004.02
<i>Listeria spp.</i> – Qualitative Determination by Presence / Absence Technique	ITMB 43	ISO 11290–1
<i>Listeria spp.</i> – Qualitative Determination by Presence / Absence Technique (VIDAS®)	ITMB 74	AOAC 2004.06
Mesophilic Aerobic Bacteria – Quantitative Determination by Petrifilm® Technique	ITMB 62	AOAC 990.12
Mesophilic Aerobic Bacteria – Quantitative Determination by Pour Plate Counting Technique	ITMB 49	ISO 4833
Mold – Quantitative Determination by Howard Method	ITMM 41	AOAC 945.90 AOAC 965.41 AOAC 945.92
Molds and Yeasts – Quantitative Determination by Spread Plate Counting Technique	ITMB 47, 48, 66	ISO 21527–1 ISO 21527–2 ISO 6611
<i>Pseudomonas aeruginosa</i>	ITMB 54	ISO 16266
<i>Salmonella spp.</i> – Qualitative Determination by Presence / Absence Technique	ITMB 42	ISO 6579–1
<i>Salmonella spp.</i> – Qualitative Determination by Presence / Absence Technique (VIDAS®)	ITMB 32, 67	AOAC 2011.03 AOAC 2013.01
<i>Staphylococcus</i> Coagulase Positive – Quantitative Determination by Petrifilm® Technique	ITMB 62	AOAC 2003.07 AOAC 2003.08 AOAC 2003.11



<u>Test(s)</u>	<u>Laboratory Test Method(s)</u>	<u>Reference Method(s)</u>
<i>Staphylococcus</i> Coagulase Positive – Quantitative Determination by Surface Counting Technique	ITMB 44	ISO 6888-1
Sulphite-Reducing Anaerobic Bacteria – Quantitative Determination by Pour Plate Counting Technique	ITMB 51	ISO 15213
Thermotolerant Coliform	ITMB 60	SM 9222D
Thermotolerant Coliforms – Quantitative Determination by MPN Technique	ITMB 71	APHA:2015
Thermotolerant Coliforms – Quantitative Determination by Petrifilm® Technique	ITMB 62	AFNOR Certificate Number 3M 01/2-89C
Thermotolerant Coliforms – Quantitative Determination by Pour Plate Counting Technique	ITMB 76	MAPA, Chapter 6
Total Coliform	ITMB 55	ISO 9308

WITHDRAWN





Accredited Laboratory

A2LA has accredited

BIOAGRI AMBIENTAL LTDA

Maringá, BRAZIL

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 laboratory also meets the requirements of the A2LA R204 – *Specific Requirements – Food and Pharmaceutical Testing Laboratory Accreditation Program*. 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 June 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5362.01
Valid to July 31, 2021

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