



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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BIOLOGICAL

Valid To: February 28, 2027

Certificate Number: 5669.08

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to perform the following tests on food, water, swab, air, soils and sediments:

| Test(s): | Test Method(s): |
|---|---|
| Food & Swab | |
| Enumeration of Yeast and Mould by pour plate and spread plate | EL-M-OP-MIC-MD011 based on HBP Method, MFHPB-22 |
| Enumeration of Yeast & Moulds using 3M petrifilm | EL-M-OP-MIC-MD066 AOAC Official Method 997.02:2002 |
| Enumeration of Coliforms, Colony Count Method | EL-M-OP-MIC-MD025 based on ISO 4832:2006 |
| Enumeration of Coliforms using 3M Petrifilm | EL-M-OP-MIC-MD063 AOAC Official Method 991.14:2002 |
| Enumeration of Total Bacterial Count | EL-M-OP-MIC-MD026 based on ISO 4833-1:2013/AMD- 1:2022 |
| Enumeration of Aerobic Colony Count using 3M petrifilm | EL-M-OP-MIC-MD062 AOAC Official Method 990.12:2002 |
| Detection of Salmonella spp. | EL-M-OP-MIC-MD027 based on ISO 6579-1:2017 AMD-1:2020 |
| Enumeration of Coagulase-positive Staphylococci Including Staphylococcus aureus | EL-M-OP-MIC-MD028 based on ISO 6888-1:2021 AMD-1:2023 |
| Enumeration of Staphylococcus Aureus using 3M Petrifilm | EL-M-OP-MIC-MD067 AOAC OMA 2003.7, 2003.8, 2003.11; 3M petrifilm method |

| Test(s): | Test Method(s): |
|--|---|
| Detection and Enumeration of Escherichia Coli - Most Probable Number Technique | EL-M-OP-MIC-MD029 based on ISO 7251:2005 AMD-1:2023 |
| Enumeration E.coli Petrifilm using 3M Petrifilm | EL-M-OP-MIC-MD065 Select E.coli;3M petrifilm, version 2, 2005 |
| Enumeration of Bacillus Cereus by Colony Count Technique | EL-M-OP-MIC-MD030 based on ISO 7932:2004/AMD- 1:2020 |
| Enumeration of Clostridium perfringens by Colony Count Technique | EL-M-OP-MIC-MD031; ISO 15213-2:2023 |
| Detection of Listeria Monocytogenes and of Listeriaspp | EL-M-OP-MIC-MD032 based on ISO 11290-1:2017 |
| Enumeration of Enterobacteriaceae by ColonyCount Technique | EL-M-OP-MIC-MD033 based on ISO 21528-2:2017 |
| Enumeration of Enterobacteriaceae using 3M Petrifilm | EL-M-OP-MIC-MD064; AOAC OMA2003.01:2006 |
| Detection of Vibrio Parahaemolyticus & Vibrio Cholerae | EL-M-OP-MIC-MD034 based on ISO 21872-1:2017 AMD-1:2023 |
| Waters, Soils and Sediments | |
| Total Bacterial Count (Heterotrophic Plate Count) | EL-M-OP-MIC-MD001 based on standard method APHA 9215B & 9215D |
| Enumeration of Coliforms and E. coli | MPN using IDEXX Colilert EL-M-OP-MIC-MD002 based on standard method APHA Method 9223B |
| Enumeration of Coliforms, Fecal Coliforms & E.coli | MPN using IDEXX Colilert-18 EL-M-OP-MIC-SOP030 based on standard method APHAMethod 9223B |
| Enumeration and Confirmation of Total Coliforms | Membrane Filtration EL-M-OP-MIC-MD003 based on standard method APHA Method 9222B |
| Enumeration and Confirmation of Fecal Coliforms | Membrane Filtration EL-M-OP-MIC-MD004 based on standard method APHA Method 9222D |

| Test(s): | Test Method(s): |
|--|--|
| Enumeration of Enterococci | Membrane Filtration EL-M-OP-MIC-MD005 based on standard method BS EN ISO 7899-2 |
| Sampling and Testing of Legionella | BS 7592; ISO 11731:2017; EL-M-OP-MIC-MD023 |
| Enumeration and Confirmation of Pseudomonas Aeruginosa | Membrane Filtration EL-M-OP-MIC-MD006 based on ISO 16266 |
| Nematodes (Helminths) Egg | EL-M-OP-MIC-MD020; WHO 1996 |
| Nematological Examination | APHA 10750B |
| Enumeration of Total Coliforms | APHA 9221 B; MPN technique; EL-M-OP-MIC-MD003A |
| Enumeration of Fecal Coliforms | MPN technique APHA 9221 E; EL-M-OP-MIC-MD051 |
| Enumeration of E. coli | MPN technique; APHA 9221 F; EL-M-OP-MIC-MD050 |
| Detection of Giardia | Giardia TaqMan RT-PCR kit; EL-M-OP-MIC-MD048 |
| Detection of Cryptosporidium | Cryptosporidium TaqMan RT-PCR kit; EL-M-OP-MIC-MD046 |
| Detection of Enterovirus | Enterovirus TaqMan RT-PCR kit; EL-M-OP-MIC-MD047 |
| Detection of Legionella by PCR | Legionella Norgen TaqMan PCR kit #TM 64400 |
| Enumeration of Clostridium perfringens | Membrane Filtration EL-M-OP-MIC-MD057 based on Standing Committee of Analysts – The Microbiological of Drinking Water Part 6, Method C |
| Swab | |
| UltraSnap™ Surface ATP Test | Hygiena™ ATP Monitoring Systems AOAC performance tested 101803 |

| Test(s): | Test Method(s): |
|---|---|
| Enumeration of Yeast & Moulds Count | MFHPB-22; ISO 18593; EL-M-OP-MIC-SOP026, EL-M-OP-MIC-MD011 |
| Air | |
| Total Bacterial Count | ISO 4833-1:2013/AMD-1:2022; NMAM, Method 0800 Edition; EL-M-OP-MIC-SOP028, EL-M-OP-MIC-MD026 |
| Yeast & Molds Count | MFHPB-22: IESO1220: EL-M-OP-MIC-SOP028; EL-M-OP-MIC-MD011 |
| Water | |
| Quantification of Endotoxin by LAL Chromogenic method | EL-M-OP-MIC-MD044 |



Accredited Laboratory

A2LA has accredited

ELEMENT DOHA LLC

Doha, Qatar

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 1st day of April 2025.

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 5669.08
Valid to February 28, 2027

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