



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:

| <b>Test(s):</b>   | <b>Test Method(s):</b>  |
|---|---|
| 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<br>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<br>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<br>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<br>AOAC OMA 2003.7, 2003.8, 2003.11;<br>3M petrifilm method |

| <b>Test(s):</b>  | <b>Test Method(s):</b>  |
|--|---|
| 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<br>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;<br>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;<br>AOAC OMA2003.01:2006  |
| Detection of Vibrio Parahaemolyticus & Vibrio Cholerae                         | EL-M-OP-MIC-MD034 based on ISO 21872-1:2017 AMD-1:2023                                      |
| <b>Waters, Soils and Sediments</b>   |   |
| 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<br>EL-M-OP-MIC-MD002 based on standard method APHA Method 9223B    |
| Enumeration of Coliforms, Fecal Coliforms & E.coli                             | MPN using IDEXX Colilert-18<br>EL-M-OP-MIC-SOP030 based on standard method APHAMethod 9223B |
| Enumeration and Confirmation of Total Coliforms                                | Membrane Filtration<br>EL-M-OP-MIC-MD003 based on standard method APHA Method 9222B         |
| Enumeration and Confirmation of Fecal Coliforms                                | Membrane Filtration<br>EL-M-OP-MIC-MD004 based on standard method APHA Method 9222D         |

| <b>Test(s):</b>  | <b>Test Method(s):</b>   |
|--|--|
| Enumeration of Enterococci                             | Membrane Filtration<br>EL-M-OP-MIC-MD005 based on standard method BS EN ISO 7899-2   |
| Sampling and Testing of Legionella                     | BS 7592;<br>ISO 11731:2017;<br>EL-M-OP-MIC-MD023   |
| Enumeration and Confirmation of Pseudomonas Aeruginosa | Membrane Filtration<br>EL-M-OP-MIC-MD006 based on ISO 16266  |
| Nematodes (Helminths) Egg                              | EL-M-OP-MIC-MD020;<br>WHO 1996   |
| Nematological Examination                              | APHA 10750B  |
| Enumeration of Total Coliforms                         | APHA 9221 B;<br>MPN technique;<br>EL-M-OP-MIC-MD003A   |
| Enumeration of Fecal Coliforms                         | MPN technique APHA 9221 E;<br>EL-M-OP-MIC-MD051  |
| Enumeration of E. coli                                 | MPN technique; APHA 9221 F;<br>EL-M-OP-MIC-MD050   |
| Detection of Giardia                                   | Giardia TaqMan RT-PCR kit;<br>EL-M-OP-MIC-MD048  |
| Detection of Cryptosporidium                           | Cryptosporidium TaqMan RT-PCR kit;<br>EL-M-OP-MIC-MD046  |
| Detection of Enterovirus                               | Enterovirus TaqMan RT-PCR kit;<br>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   |

| <b>Test(s):</b>                                       | <b>Test Method(s):</b>  |
|---|---|
| Enumeration of Yeast & Moulds Count                   | MFHPB-22;<br>ISO 18593;<br>EL-M-OP-MIC-SOP026,<br>EL-M-OP-MIC-MD011                                   |
| Air   |   |
| Total Bacterial Count                                 | ISO 4833-1:2013/AMD-1:2022;<br>NMAM, Method 0800 Edition;<br>EL-M-OP-MIC-SOP028,<br>EL-M-OP-MIC-MD026 |
| Yeast & Molds Count                                   | MFHPB-22:<br>IESO1220:<br>EL-M-OP-MIC-SOP028;<br>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 1<sup>st</sup> day of April 2025.

A blue ink signature of Mr. Trace McInturff.

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.*