

# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



### Certificate of Accreditation

#### **Bahrain Food & Water Testing Laboratory** (Unit of Bahrain Medical Lab)

Flat 31 , Building 61 , Road 3201 , Block 332, Manama Buashira,  
Kingdom of Bahrain

has been assessed and accredited in accordance with the Standard  
**ISO/IEC 17025:2017**

“General Requirements for the Competence of Testing and Calibration Laboratories”  
In the field of  
**Testing**

This certificate remains valid for the Scope of Accreditation as specified  
in the annexure subject to continued compliance to the above standard &  
any other requirements specified by QAI.



**QAI/CIA/TL/2025/0149**

Valid from: 12 Nov 2025

**Dr. Bhupendra Kumar Rana**  
Chief Executive Officer

Valid until: 11 Nov 2027

**Prof. Vikram Kumar**  
Chair, CIA

User is advised to verify the current scope of accreditation by visiting our website: [www.qai.org.in](http://www.qai.org.in)



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Scope of Accreditation

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QAI/CIA/TL/2025/0149

Valid from: 12 Nov 2025

Valid till: 11 Nov 2027

Accreditation Standard: ISO/IEC 17025:2017

| Biological Testing |                                                                                                            |                                 |                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                                                | Specific Tests Performed        | Test Method                                                                          |
|                    | Food and Agricultural Products                                                                             |                                 |                                                                                      |
| 1.                 | Meat & Meat Products, Fruits & Vegetables, Milk & Dairy Products, Egg & Egg products, Fish & Fish products | Detection of Salmonella         | USFDA BAM Chapter 5-9/2023 & ISO 6579:2017                                           |
| 2.                 |                                                                                                            | Enumeration of Bacillus Cereus  | USFDA BAM Chapter 14-10/2020                                                         |
| 3.                 |                                                                                                            | E. coli Detection & Enumeration | ISO 16649 -2: 2018                                                                   |
| 4.                 |                                                                                                            | Total coliforms Enumeration     | ISO 4832:2006                                                                        |
| 5.                 |                                                                                                            | Staphylococcus Enumeration      | ISO 6888-1:2021                                                                      |
| 6.                 |                                                                                                            | E. coli 0157 detection          | BAM Chapter 04 A- Section K, P, Q                                                    |
| 7.                 |                                                                                                            | Yeast & Moulds Enumeration      | BAM Chapter 18:4/2001                                                                |
| 8.                 |                                                                                                            | Faecal Coliforms count          | ISO 4832:2006                                                                        |
| 9.                 |                                                                                                            | Clostridium perfringens         | ISO 15213-2:2023<br>Enumeration of Clostridium Perfringens by colony count technique |

This is annexure to 'Certificate of Accreditation' and does not require any signature.

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| Biological Testing |                                                                                                                               |                          |                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                                                                   | Specific Tests Performed | Test Method                                                                       |
|                    | Food and Agricultural Products                                                                                                |                          |                                                                                   |
| 10.                | Meat & Meat Products, Fruits & Vegetables, Milk & Dairy Products, Egg & egg products, Fish & Fish products, Ready to eat food | Clostridium spp.         | ISO 15213-1:2023- Detection of sulphite reducing Clostridia                       |
| 11.                |                                                                                                                               | Vibrio parahaemolyticus  | ISO /TS 21872-1:2017 Detection of potentially enteropathogenic Vibrio spp- Part 1 |
| 12.                |                                                                                                                               | Listeria spp.            | ISO 11290-1:2017 Detection Method                                                 |
| 13.                |                                                                                                                               | Listeria monocytogenes   | ISO 11290-1: 2017-Detection method                                                |
| 14.                |                                                                                                                               | Campylobacter spp.       | ISO 10272-1:2017-Detection method                                                 |
| 15.                |                                                                                                                               | Enterobacteriaceae       | ISO 21528-2:2017: Enumeration of Enterobacteriaceae                               |
| 16.                |                                                                                                                               | Total Plate Count        | ISO 4833-1:2013                                                                   |
| 17.                |                                                                                                                               | Total Plate Count        | BAM Chapter 3:1/2001                                                              |

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| Biological Testing |                                                       |                                                   |                                    |
|--------------------|-------------------------------------------------------|---------------------------------------------------|------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                          | Test Method                        |
| 1.                 | Water                                                 |                                                   |                                    |
| 2.                 | Water- Tap water, Drinking water, Swimming pool water | E. coli (Detection and enumeration)               | ISO 9308-1:2014                    |
| 3.                 |                                                       | Coliforms Enumeration                             | ISO 9308-1:2014                    |
| 4.                 |                                                       | Pseudomonas aeruginosa- Detection and enumeration | APHA 9213 E                        |
| 5.                 |                                                       | Faecal Enterococcus Enumeration                   | APHA 9230 C                        |
| 6.                 |                                                       | Heterotrophic Plate Count (HPC or TPC)            | APHA 9215 B (Pour Plate Technique) |
| 7.                 |                                                       | Legionella spp. Enumeration                       | ISO 11731:2017                     |

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