



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **SMART CHEMICAL AND BIOLOGICAL LABORATORY**

M06 BRIDGE HOUSE, SHAIKHA MARIYAM BUILDING, AL KARAMA  
DUBAI, UNITED ARAB EMIRATES

**Testing Laboratory TL-1307**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date December 21, 2024



*International Accreditation Service*  
Issued under the authority of IAS management

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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## SMART CHEMICAL AND BIOLOGICAL LABORATORY

[www.smartlab-me.com](http://www.smartlab-me.com)

**Contact Name** Ali Mirza

**Contact Phone** +971-559369987

*Accredited to ISO/IEC 17025:2017*

*Effective Date December 21, 2024*

<b>Biological activity water</b>	
APHA 9215B 24 Edition	Enumeration of heterotrophic bacteria in water.
APHA 9222 B24 Edition	Enumeration of total coliform bacteria.
APHA 9230C 24th Edition	Enumeration of Fecal Streptococcus
APHA 9222G 24 Edition	Enumeration of fecal coliform bacteria.
APHA 9222 H 24 Edition	Enumeration of <i>E. coli</i> bacteria
BS EN ISO 16266:2008	Detection and enumeration of <i>Pseudomonas aeruginosa</i> - Method by filtration
ISO 11731:2017	Water quality - Detection and enumeration of <i>Legionella</i> .
<b>Biological activity Food/Food product and Swab</b>	
Enumeration of Aerobic Plate Count ISO 4833-1 & 2:2013 Amd 1:2022	Microbiology of the food chain — Horizontal method for the enumeration of microorganisms by the pour plate and spread plate techniques.
3M Petri film Method	Enumeration of <i>E. coli</i> / Coliform
Neogen Petri film Method	Enumeration of <i>Staphylococcus</i>
<b>Biological activity Food/ Food products</b>	
3M Petri film Method	Enumeration of Yeast and mold
3M Petrifilm Method	Enumeration of Enterobacteriaceae
Compact Dry Method	Enumeration of <i>Bacillus Cereus</i>
ISO 10272-1:2017	Enumeration of <i>Campylobacter</i> - <i>Microbiology of the food chain — Horizontal method for detection and enumeration of Campylobacter spp. — Part 1: Detection Method.</i>
ISO 11290-1:2017	Detection of <i>Listeria monocytogenes</i> <i>International Organization for Standardization - Microbiology of the food chain</i>

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	— Horizontal method for the detection and enumeration of <i>Listeria monocytogenes</i> — Part 1: Detection method.
ISO 15213-2:2023	Enumeration of <i>Clostridium perfringens</i> - International Organization for Standardization - Microbiology of food chain — Horizontal method for the detection and enumeration of <i>Clostridium perfringens</i> — Part 2: Enumeration in food.
ISO 21872-1:2017/Amd 1:2023	Enumeration of <i>Vibrio</i> spp.- Microbiology of the food chain — Horizontal method for the detection of <i>Vibrio</i> spp. — Part 1: Detection of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
ISO 6579-1:2017/Amd. 1:2020	Detection of <i>Salmonella</i> spp Microbiology of the food chain — Horizontal method for the detection of <i>Salmonella</i> spp. — Part 1: Detection in foods and animal feeding stuffs.
Reveal Test Kit	<i>E. coli</i> O157 Specific test kit for the detection of <i>Escherichia coli</i> O157, SOP-M-17
<b>Biological Activity cosmetics</b>	
ISO 16212:2017/Amd 1:2022	International Organization for Standardization - Microbiology of cosmetics — Enumeration of yeasts and molds
ISO 21149:2017/Amd 1:2022	Enumeration of Aerobic Mesophilic Bacteria- International Organization for Standardization - Microbiology of cosmetics — Enumeration of aerobic mesophilic bacteria
ISO 21150:2015/Amd 1:2022	Detection of <i>E. coli</i> - International Organization for Standardization - Microbiology of cosmetics — Detection of <i>Escherichia coli</i> .
ISO 22717:2015/Amd 1:2022	Detection of <i>P. aeruginosa</i> - International Organization for Standardization - Microbiology of cosmetics — Detection of <i>Pseudomonas aeruginosa</i>
ISO 22718:2015/Amd 1:2022	Detection of <i>S. aureus</i> - International Organization for Standardization - Microbiology of cosmetics — Detection of <i>Staphylococcus aureus</i>
SOP-M-015	Standard operating procedure for PORK detection in the DNA
<b>Biological Activity-Air (Environmental testing)</b>	
SOP-M-013	Standard operating procedure for air sampling Aerobic Plate Count Yeast and Mold count
<b>Biological Activity-Food &amp; Feed</b>	
SOP-M-015	Standard operating procedure for PORK detection in the DNA
SOP-M-016	Standard operating procedure for GMO detection in the DNA
<b>Chemical Testing - water</b>	
APHA 2540 C	Determination of Total Dissolved Solids



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APHA 4500-H+ B	Determination pH value in water
APHA 4500-NO <sub>3</sub> <sup>-</sup>	Determination of Nitrate
APHA 4500-SO <sub>4</sub> <sup>2-</sup> E	Determination of Sulphate
SOP-C-012	Standard operating procedure for Determination of Fortified minerals, heavy metals in food, beverages cosmetics, tobacco and tobacco products
<b>Chemicals Testing - Food / Food supplements / Beverages</b>	
SOP-C-003	Standard operating procedure for Determination of vitamins in beverages, energy drink, tobacco and tobacco products
SOP-C-007	Standard operating procedure for Determination of Benzoic acid, Sorbic, caffeine in beverages, Energy Drinks, tobacco and tobacco products
SOP-C-018	Standard operating procedure for Determination of pH in beverages, cosmetics, energy drink, tobacco and tobacco products
SOP-C-019	Standard operating procedure for Determination of moisture content in milk powder and similar products
SOP-C-020	Standard operating procedure for Determination of alcohol content in cosmetics and food products
<b>Chemical Testing -Cosmetics and personnel care products</b>	
SOP-C-001	Standard operating procedure for determination of phtlates in cosmetics and plastics
SOP-C-007	Standard operating procedure for Determination of Benzoic acid, Sorbic Acid, Caffeine in beverages and energy drinks, tobacco and tobacco products
SOP-C-008	Standard operating procedure for determination of Formaldehyde
SOP-C-010	Standard operating procedure for determination of preservatives (Benzoic acid, methyl paraben, ethyl paraben, butyl paraben, propyl paraben) in cosmetics products
SOP-C-012	Standard operating procedure for Determination of Fortified minerals, heavy metals in food, beverages cosmetics, tobacco and tobacco products
SOP-C-013	Standard operating procedure for determination of Bitrex in perfumery products and cosmetics by using GC-MS
SOP-C-015	Standard operating procedure for allergens in cosmetics and personal care products
SOP-C-018	Standard operating procedure for Determination of pH in beverages, cosmetics, energy drink, detergents, disinfectants, tobacco and tobacco products



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SOP-C-022	Standard operating procedure for determination of Nicotine in Tobacco products by GC-MS
<b>Chemical Testing – Tobacco &amp; Tobacco products</b>	
SOP-C-004	Standard operating procedure for determination of Glycerol in tobacco and tobacco products by using HPLC with Refractive index detector
SOP-C-008	Standard operating procedure for determination of Formaldehyde
<b>Food Contact Materials</b>	
SOP-C-017	Standard operating procedure for determination of leachable lead and Cadmium

