

## Accreditation Scope

### Food Testing

### LB-TEST-023

## Al Hoty Stanger Laboratories

## ICAD, Mussafah, Abu Dhabi - United Arab Emirates

Issue no.: 10

Date: 04-09-2022

Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Food & Swab	Aerobic plate Count	USFDA BAM Chapter 3
Microbiology	Food & Swab	Enumeration of Coliforms	Colony Count method: MPN Method, CMMEF 5 <sup>th</sup> Edition 9.71 & 9.72
Microbiology	Food & Swab	Enumeration of Fecal Coliforms	MPN Method, CMMEF 5 <sup>th</sup> Edition 9.81
Microbiology	Food & Swab	Enumeration & Detection of E.coli	MPN Method, CMMEF 5 <sup>th</sup> Edition 9.91 & 9.92
Microbiology	Food & Swab	Enumeration of Staphylococcus aureus (Coagulase Positive)	BAM Chapter 12, Colony Count Methods
Microbiology	Food & Swab	Detection of E.coli O157: H7	AOAC 2000.14 (20 hours) Reveal Test kit – Neogen Corporation
Microbiology	Food & Swab	Detection of Listeria sp	Reveal Test kit – Neogen Corporation

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Microbiology	Food & Swab	Sampling of food and swab samples	CMMEF APHA Chapter 2- Food CMMEF APHA Chapter 3- Swab
Microbiology	Food & Swab	Enumeration of Enterobacteriaceae	ISO 21528
Microbiology	Food & Swab	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coliforms - Colony-count technique Enumeration of Coliforms	ISO 4832
Microbiology	Food & Swab	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique Enumeration of Clostridium Perfringens	ISO 7937

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Microbiology	Food & Swab	Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella Part 1: Detection of Salmonella spp. Detection & Confirmation of Salmonella sp	ISO 6579 Part 1 AMD 1: 2020
Microbiology	Food	Enumeration of Bacillus cereus	CMMEF, Chapter 31.6
Microbiology	Food	Enumeration of Yeast & Mould	CMMEF, Chapter 21.5
Microbiology	Food	Detection & Enumeration of Vibrio parahaemolyticus	BAM Chapter 9
Microbiology	Food	Detection of Campylobacter by ELFA METHOD (VIDAS)	SOP 77
Microbiology	Food	Detection of Salmonella by ELFA METHOD (VIDAS)	SOP 75

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Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Food	Detection of E. coli 0157 H7 by ELFA METHOD (VIDAS)	SOP 76
Microbiology	Food	Detection of Listeria Sp by ELFA METHOD (VIDAS)	SOP 79

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Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Food	Detection of Listeria monocytogenes by ELFA METHOD (VIDAS)	SOP 78

Accreditation History		
Issue no.	Details	Date
10	The Certificate validity was extended for 6 months from 04-09-2022 to 03-03-2023	04-09-2022
09	Extension of Microbiology Scope for the Transition from CCFRA to ISO standards (Food and Swabs: Enumeration of Enterobacteriaceae, Enumeration of Coliforms, Enumeration of Clostridium Perfringens, Detection & Confirmation of Salmonella sp & Domestic & Potable Water: Aerobic Plate Count)	25-02-2022
08	Re-issued to comply with the new accreditation number format	16-12-2020
07	Renewal of accreditation	04-09-2019
06	First issuance under the name of EIAC (which formally was known as DAC)	18-10-2018

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### Environmental Testing

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Issue no.: 10

Date: 04-09-2022

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Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Water	Sampling for Legionella bacteria in water systems	BS 7592
Microbiology	Bottled water	Heterotrophic Plate Count	CMMEF 60.42
	Domestic & Potable Water and Ice	Water quality- Enumeration of Clostridium perfringens Method using membrane filtration	ISO 14189
Microbiology	Domestic, Potable Water, Recreational water & Non Potable Water	Standard Methods for Examination of Water Heterotrophic Plate Count	APHA 9215 B
Microbiology	Domestic, Potable Water, Bottled Water Recreational Water & Non Potable Water	Enumeration of Coliforms	APHA 9221 B & APHA 9222B
Microbiology	Domestic, Potable Water, Bottled Water Recreational Water & Non Potable Water	Enumeration of Fecal Coliforms	APHA 9221 E.1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Domestic, Potable Water, Bottled Water, Recreational Water & Non Potable Water	Enumeration of E.coli	APHA 9222 B & APHA 9221 F
Microbiology	Domestic, Potable Water, Bottled Water Recreational Water & Non Potable Water	Enumeration of Pseudomonas aeruginosa	BS EN ISO 16266
Microbiology	Domestic, Potable Water, Bottled Water, Recreational Water & Non Potable Water	Enumeration of Fecal Streptococcus	APHA 9230 C
Microbiology	Domestic, Potable Water, Recreational Water & Non Potable Water	Detection and Enumeration of Legionella Sp. (Water with Low bacterial Count)	ISO 11731-2

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Issue no.: 10

Date: 04-09-2022

Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Domestic, Potable Water, Recreational Water, Industrial & Natural waters, Sediments, Deposits & Slime	Detection and Enumeration of Legionella Sp.	ISO 11731
Microbiology	Domestic & Potable water, Waste water, pool water and ice. Recreational water and non-potable water	Sampling of water samples	APHA 9060 A, 9213 B
Microbiology	Domestic & Potable Water	Water quality - Enumeration of culturable micro-organisms - Colony count by inoculation in a nutrient agar culture medium Aerobic Plate Count	ISO 6222
Molecular Biology	Domestic, Potable Water, Recreational Water, Industrial & Natural waters,	Detection of Legionella species and Legionella pneumophila by Real Time PCR	SOP#6 PCR SOP#8 PCR Multiplex for Species and L. pneumophila



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Issue no.: 10

Date: 04-09-2022

Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water (Potable water, RO water, Unbottled drinking water, bottled drinking water, Tap water, Tank water)	Bromate (LOQ = 5.0 ug/L)	APHA 4110D EPA 300.1

Accreditation History		
Issue no.	Details	Date
10	The Certificate validity was extended for 6 months from 04-09-2022 to 03-03-2023	04-09-2022
09	Extension of Microbiology Scope for the Transition from CCFRA to ISO standards (Domestic & Potable Water: Aerobic Plate Count)	25-02-2022
08	Extension in scope (add: Domestic & Potable Water and Ice) and comply with the new accreditation number format	16-12-2020
07	Renewal of accreditation and extension in scope (Molecular Biology test & Chemistry)	04-09-2019
06	First issuance under the name of EIAC (which was formerly known as DAC)	18-10-2018

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### Food Contact Testing

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## Al Hoty Stanger Laboratories

### ICAD, Mussafah, Abu Dhabi - United Arab Emirates

Issue no.: 06

Date: 04-09-2022

Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food contact materials	Determination of the Overall Migration (OM) Materials and articles in contact with foodstuffs. Plastics	BS EN 1186
Chemical	Food contact materials	Part 1: Guide to the selection of conditions and test methods for overall migration	Part 1
Chemical	Food contact materials	Part 3: (Method A )Test methods for overall migration into aqueous food simulants by total immersion. Method A @Temperature:5°, 20°, 40° and 70° C Simulnats A, B and C	Part 3
Chemical	Food contact materials	Part 9:Test methods for overall migration into aqueous food simulants by article filling	Part 9

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**ICAD, Mussafah, Abu Dhabi - United Arab Emirates**

Issue no.: 06

Date: 04-09-2022

Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food contact materials	Fatty Acids in Oils and Fats preparation of Methyl Esters, Boron Trifluoride Method, AOAC-IUPAC Method Codex-Adopted-AOAC Method	AOAC Official Method 96.9.33

Accreditation History		
Issue no.	Details	Date
06	The Certificate validity was extended for 6 months from 04-09-2022 to 03-03-2023	04-09-2022
05	Re-issued to comply with the new accreditation number format	16-12-2020
04	Renewal of accreditation and reduction of olive oil test	04-09-2019
03	First issuance under the name of EIAC (which was formerly known as DAC)	18-10-2018

## Accreditation Scope

### Geotechnical Investigation

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## Al Hoty Stanger Laboratories

### ICAD, Mussafah, Abu Dhabi - United Arab Emirates

Issue no.: 05

Date: 04-09-2022

Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Methods of test for soils for civil engineering purposes. Part 9: In-situ tests In Situ penetration test- Determination of the penetration resistance using the split-barrel sampler (the standard penetration test SPT)	BS 1377 Part 9 Clause 3.3
Mechanical/ Physical	Soil	Code of practice for ground Investigations Section 6: Description of soils and rocks Clause 33: Description of soils	BS 5930 Section 6 Clause 33

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### Geotechnical Investigation

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### ICAD, Mussafah, Abu Dhabi - United Arab Emirates

Issue no.: 05

Date: 04-09-2022

Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Code of practice for ground Investigations Section 4: Exploratory holes Clause 26.3: Observations in installations	BS 5930 Section 4 Clause 26.3
Mechanical/ Physical	Soil	Code of practice for ground Investigations Section 8: Field instrumentation Clause 52: Groundwater measurements	BS 5930 Section 8 Clause 52
Mechanical/ Physical	Soil	Code of practice for ground Investigations Section 4: Exploratory holes Clause 26.4: Groundwater sampling	BS 5930 Section 4 Clause 26.4

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### ICAD, Mussafah, Abu Dhabi - United Arab Emirates

Issue no.: 05

Date: 04-09-2022

Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Code of practice for ground Investigations Section 6: Description of soils and rocks Clause 36: Description and classification of rocks	BS 5930 Section 6 Clause 36
Mechanical/ Physical	Soil	Code of practice for ground Investigations Section 10: Reports and interpretation Clause 63: Reports	BS 5930 Section 10 Clause 63
Mechanical/ Physical	Soil	Methods of test for Soils for civil Engineering purposes Part 2: Classification tests Clause no. 9: Determination of particle size distribution: • Wet sieving method • Dry sieving method	BS 1377 Part 2 Clause 9.2 & 9.3

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Methods of test for Soils for civil Engineering purposes Part 2: Classification tests Determination of moisture content	BS 1377 Part 2 Section 3
Mechanical/ Physical	Rock	Code of practice for ground Investigations Section 6: Description of soils and rocks Clause 36: Description and classification of rocks	BS 5930 Section 6 Clause 36
Mechanical/ Physical	Rock	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D2216

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Rock	Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures	ASTM D7012
Mechanical/ Physical	Rock	Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	ASTM D4543
Mechanical/ Physical	Rock	Code of practice for ground investigations – Rotary core drilling	BS 5930 Clause 24.11



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Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ground Water	Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests Clause 12: Determination of the pH value	BS 1377 Part 3 Clause 12
Chemical	Ground Water	Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests Clause 7: Determination of the sulphate content of soil and ground water- Preparation of soil and its acid extract	BS 1377 Part 3 Clause 7.6/ Clause 7.8

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ground Water	Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests Clause 9: Determination of the chloride content- Determination of water-soluble chloride content	BS 1377 Part 3 Clause 9.2
Chemical	Soil	Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests Clause 9: Determination of the chloride content- Determination of water-soluble chloride content	BS 1377 Part 3 Clause 9.2

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**Geotechnical Investigation**

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**ICAD, Mussafah, Abu Dhabi - United Arab Emirates**

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests Clause 7: Determination of the sulphate content of soil and ground water- Preparation of soil and its water extract	BS 1377 Part 3 Clause 7.3/ Clause 7.6
Chemical	Soil	Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests Clause 12: Determination of the pH value	BS 1377 Part 3 Clause 12

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Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests Clause 9: Determination of the chloride content- Determination of acid-soluble chloride content	BS 1377 Part 3 Clause 9.3

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Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests Clause 5: Determination of the sulphate content of soil and ground water: • Preparation of soil and its acid extract	BS 1377 Part 3 Clause 7.6/ Clause 7.9

#### Accreditation History

Issue no.	Details	Date
05	The Certificate validity was extended for 6 months from 04-09-2022 to 03-03-2023	04-09-2022
04	Extension in scope (add Rotary core drilling) and comply with the new accreditation number format	16-12-2020
03	Renewal of accreditation	04-09-2019
02	First issuance under the name of EIAC (which was formerly known as DAC)	18-10-2018
01	Granted accreditation from Dubai Accreditation Center DAC	11-09-2018

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-023

## Al Hoty Stanger Laboratories

### ICAD, Mussafah, Abu Dhabi - United Arab Emirates

Issue no.: 05

Date: 04-09-2022

Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Methods of test for soils for civil engineering purposes. Classification tests (Determination of particle size distribution)	BS 1377 Part 2 Clause 9.2 & 9.3
		Determination of water moisture content of soil	BS 1377 part 2 sec 3

#### Accreditation History

Issue no.	Details	Date
05	The Certificate validity was extended for 6 months from 04-09-2022 to 03-03-2023	04-09-2022
04	To comply with the new accreditation number format	16-12-2020
03	Renewal of accreditation	04-09-2019
02	First issuance under the name of EIAC (which was formerly known as DAC)	18-10-2018
01	Granted accreditation from Dubai Accreditation Center DAC	11-09-2018

## Accreditation Scope

### Detergents and Disinfectants Testing

#### LB-TEST-023

## Al Hoty Stanger Laboratories

### ICAD, Mussafah, Abu Dhabi - United Arab Emirates

Issue no.: 02

Date: 04-09-2022

Valid to: 03-03-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Hand Sanitizers / Hand Scrubs, Germicidal Liquids/ Surface sanitizer	Chemical disinfectants and antiseptics Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics	BS EN 1276
Chemistry	Disinfectants & Sanitizers	Alcohols (Methanol, Ethanol, n-Propanol, and iso-Propanol)	In-House Method SOP 17

#### Accreditation History

Issue no.	Details	Date
02	The Certificate validity was extended for 6 months from 04-09-2022 to 03-03-2023	04-09-2022
01	Grant accreditation from EIAC	16-12-2020