





# **ACCREDITATION CERTIFICATE**

#### LB-TEST-023

#### **E**mirates International **A**ccreditation **C**entre

has accredited

#### **AL HOTY STANGER LABORATORY L.L.C**

ICAD| Mussafah | Abu Dhabi | -United Arab Emirates

In accordance with the requirements of

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 25-09-2025 to 03-09-2028

Initial Accreditation Date: 18-07-2007





## Al Hoty Stanger Laboratory L.L.C

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

Date: 25-09-2025

Accreditation History						
Issue no.	Details	Date				
Food Testing	Food Testing					
15	Reissued to reflect the accreditation renewal with	25-09-2025				
	extension in scope and modification in some test methods					
14	Reissued to reflect the laboratory's name change (was	04-09-2025				
	formerly known as Al Hoty Stanger Laboratories) and to					
	extend the certificate's validity for six months, from					
	September 4, 2025, to March 3, 2026					
13	Reissued due to extension in scope and modification in	04-07-2024				
	test method					
12	Move PCR for equine testing from Halal certificate scope	28-12-2022				
	to the food scope					
11	Renewal the accreditation and extension in scope (Add	07-10-2022				
	Chemical tests)					
10	The Certificate validity was extended for 6 months from	04-09-2022				
	04-09-2022 to 03-03-2023					
09	Extension of Microbiology Scope for the Transition from	25-02-2022				
	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)					
08	Re-issued to comply with the new accreditation number	16-12-2020				
	format					
07	Renewal of accreditation	04-09-2019				
06	First issuance under the name of EIAC (which formally was	18-10-2018				
	known as DAC)					



## Al Hoty Stanger Laboratory L.L.C

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

Date: 25-09-2025

Accreditation History				
Issue no. Details Date				
Environmental Testing				
14	Reissued to reflect the accreditation renewal with	25-09-2025		
	modification in some test methods			
13	Certificate valiodity was extended for 6 months from 04-	04-09-2025		
	09-2025 up to 03-03-2026			
12	Reissued due to extension in scope and modification in	04-07-2024		
	some test methods			
11	Renewal the accreditation and extension in scope	07-10-2022		
10	The Certificate validity was extended for 6 months from	04-09-2022		
	04-09-2022 to 03-03-2023			
09	Extension of Microbiology Scope for the Transition from	25-02-2022		
	CCFRA to ISO standards (Domestic & Potable Water:			
	Aerobic Plate Count)			
08	Extension in scope (add: Domestic & Potable Water and	16-12-2020		
	Ice) and comply with the new accreditation number format			
07	Renewal of accreditation and extension in scope	04-09-2019		
	(Molecular Biology test & Chemistry)			
06	First issuance under the name of EIAC (which was formerly	18-10-2018		
	known as DAC)			



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

Date: 25-09-2025

Accreditation History				
Issue no.	Issue no. Details			
Food Contact Testing				
09	Reissued to reflect the accreditation renewal with a	25-09-2025		
	voluntary reduction in scope			
08	Certificate valiodity was extended for 6 months from 04-	04-09-2025		
	09-2025 up to 03-03-2026			
07	Renewal the accreditation	07-10-2022		
06	The Certificate validity was extended for 6 months from	04-09-2022		
	04-09-2022 to 03-03-2023			
05	Re-issued to comply with the new accreditation number	16-12-2020		
	format			
04	Renewal of accreditation and reduction of olive oil test	04-09-2019		
03	First issuance under the name of EIAC (which was formerly	18-10-2018		
	known as DAC)			

#### **Detergents and Disinfectants Testing**

05	Reissued to reflect the accreditation renewal with a	25-09-2025
	voluntary reduction in scope	
04	Certificate valiodity was extended for 6 months from 04-	04-09-2025
	09-2025 up to 03-03-2026	
03	Renewal the accreditation	07-10-2022
02	The Certificate validity was extended for 6 months from	04-09-2022
	04-09-2022 to 03-03-2023	
01	Grant accreditation from EIAC	16-12-2020



## Al Hoty Stanger Laboratory L.L.C

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

Date: 25-09-2025

Accreditation History					
Issue no.	Issue no. Details				
Halal Food Testing					
06	Reissued to reflect the following updates:  1. Renewal of Accreditation  2. Cancellation of Halal Testing Certificate (Accreditation number HBN-TEST-002)  3. Scope Merge – Consolidate the full Halal testing scope under the main Testing Certificate as "Halal Food Testing"  4. Extension in scope	25-09-2025			
05	Certificate validity was extended for 6 months from 12-03- 2025 up to 11-09-2025	12-03-2025			
04	Renewal of the accreditation, transferring PCR for equine testing to the food scope (LAB-TEST-023) as it is not part of Halal food testing and Voluntary reduction of scope (remove Chemical test: Determination of Ethanol content)	28-12-2022			
03	Certificate validity was extended for 6 months from 12-09- 2022 up to 11-03-2023	12-09-2022			
02	Certificate validity was extended for 6 months from 12-03- 2022 up to 11-09-2022	12-03-2022			
01	Granted accreditation from Emirates International Accreditation Centre 'EIAC'	12-03-2019			



#### **Food Testing**

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## Al Hoty Stanger Laboratory L.L.C

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

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



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

Issue no.: 15 Date: 25-09-2025 Valid to: 03-09-2028

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Food & Swab	Sampling of food and	CMMEF 5 <sup>th</sup> Edition
		swab samples	Chapter 2-Food
			CMMEF 5 <sup>th</sup> Edition
			Chapter 3-Swa
		Enumeration of	ISO 21528
		Enterobacteriaceae	
		Enumeration of Coliforms	ISO 4832
		Enumeration of	ISO 15213 Part 2
		Clostridium perfringens	
		Detection &	ISO 6579 Part 1
		Confirmation of	AMD 1: 2020
		Salmonella species	
	Food	Detection of Salmonella	SOP 75
		species by ELFA	
		METHOD (VIDAS)	
		Detection of E. coli 0157	SOP 76
		H7 by ELFA METHOD	
		(VIDAS)	
		Detection of Listeria	SOP 79
		species by ELFA	
		METHOD (VIDAS)	

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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
		Enumeration of Bacillus cereus	CMMEF, Chapter 31.6
		Enumeration of Yeast & Mould	CMMEF, Chapter 21.5
		Detection & Enumeration of Vibrio parahaemolyticus	BAM Chapter 9
		Detection of  Campylobacter species	SOP 77
		by ELFA METHOD (VIDAS)	



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

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Food & Swabs from food	<u> </u>	ISO 16649 Part 2
	preparation areas and	animal feeding stuffs —	
	personnel	Horizontal method for the	
		enumeration of beta-	
		glucuronidase-positive	
		Escherichia coli	
		Part 2: Colony-count	
		technique at 44 degrees C	
		using 5-bromo-4-chloro-3-	
		indolyl beta-D-glucuronide	
		Enumeration of β-	
		glucuronidase-positive E.	
		coli	
Chmical	Food	Total Sugar	In-House Test Mmethod
		(Fructose,Glucose,Maltos	AHSL/SOP/FCL/07
		e,Sucrose,Lactose)	
		Sorbic Acid	In-House Test Mmethod
			AHSL/SOP/FCL/21
		Benzoic acid	In-House Test Mmethod
			AHSL/SOP/FCL/21



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Caffeine (0.01%)	In-House Test Mmethod
			AHSL/SOP/FCL/20
		Acidity	In-House Test Mmethod
			AHSL/SOP/FCL/11
		Free Fatty Acid	In-House Test Method
			(by calculation)
			AHSL/SOP/FCL/24.
		Vitamin A	AOAC 2012.09 (UPLC
			technique)
		Vitamin C	AOAC 2012.22 (UPLC
			technique)
		Vitamin D	EN 12821:2009
		Cholesterol (GC/FID)	AOAC 994.10



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Fat	AOAC 996.06
		(Total,Saturated,Mono &	
		Polyunsaturated, Trans)	
		(FAME & GC/FID)	
		Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		(E)-Chlorfenvinphos	
		Pencycuron (Monceren)	
		(Z)-Chlorfenvinphos	
		1,1-Dichloro-2,2-bis(4-	
		ethylphenyl)ethane	
		2-Phenylphenol	
		2,3,5,6-Tetrachloroaniline	
		2,4'-Methoxychlor	
		3-Hydroxycarbofuran	
		3,4-Dichloroaniline	



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		4,4'-	
		Dichlorobenzophenone	
		4,4'-methoxychlor olefin	
		Acephate	
		Acephate NH4	
		Acequinocyl deg.	
		Acetamiprid	
		Acetochlor	
		Acibenzolar-S-methyl	
		Acrinathrin	
		Alachlor	
		Alanycarb	
		Aldicarb	
		Aldicarb sulfone	



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Aldicarb sulfoxide	
		Aldrin	
		Allethrin-3,4	
		(Bioallethrin)	
		Allidochlor	
		alpha-BHC	
		alpha-Endosulfan	
		Ametryn	
		Aminocarb	
		Amitraz	
		Anthraquinone	
		Atrazine	
		Azinphos-ethyl	
		Azinphos-methyl	



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Azoxystrobin	
		Benalaxyl	
		Bendiocarb	
		Benfuracarb	
		Benzoximate	
		Benzoylprop-ethyl 1	
		Benzoylprop-ethyl 2	
		beta-BHC	
		beta-Endosulfan	
		Bifenazate	
		Bifenthrin	
		Biphenyl	



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Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Bitertanol	
		Boscalid	
		Bromfenvinfos-methyl	
		Bromfenvinphos	
		Bromophos	
		Bromophos-ethyl	
		Bromopropylate	
		Bromucanozole 1	
		Bromucanozole 2	
		Bupirimate	
		Bupirimate	
		Buprofezin	
		Butafenacil	



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Butocarboxim	
		Butoxycarboxim	
		Carbaryl	
		Carbendazim	
		Carbetamide	
		Carbofuran	
		Carbophenothion	
		Carboxin	
		Carfentrazone-ethyl	
		Chlorantraniliprole	
		Chlorbenside	
		Chlorfenapyr	
		Chlorfenson	



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Chlorfluazuron	
		Chlorobenzilate	
		Chloroneb	
		Chlorotoluron	
		Chloroxuron	
		Chlorpropham	
		Chlorpyrifos	
		Chlorpyrifos-methyl	
		Chlorthal-dimethyl	
		Chlorthiophos-1	
		Chlorthiophos-2	
		Chlorthiophos-3	
		Chlozolinate	



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		cis-Chlordane	
		cis-Nonachlor	
		cis-Permethrine	
		Clethodim 1	
		Clethodim 2	
		Clofentezine	
		Clomazone	
		Clothianidin	
		Coumaphos	
		Cyazofamid	
		Cycloate	
		Cycluron	
		Cyfluthrin	



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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Cymoxanil	
		Cypermethrin	
		Cyproconazole 1	
		Cyproconazole 2	
		Cyprodinil	
		Cyromazine	
		delta-BHC	
		Deltamethrin-1	
		Deltamethrin-2	
		Desmedipham	
		Di-allate-1	
		Di-allate-2	
		Diazinon	



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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Dichlobenil	
		Dichlofluanid	
		Diclobutrazol	
		Dicloran	
		Dicrotophos	
		Dieldrin	
		Diethofencarb	
		Difenoconazole	
		Difenoconazole	
		Diflubenzuron	
		Dimethachlor	
		Dimethoate	
		Dimethomorph 1	



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Dimethomorph 2	
		Dimoxystrobin	
		Diniconazole	
		Dinotefuran	
		Dioxacarb	
		Diphenamid	
		Diphenylamine	
		Disulfoton	
		Diuron	
		Edifenphos	
		Emamectin-benzoate 1	
		Emamectin-benzoate 2	
		Endosulfan ether	



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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Endosulfan sulfate	
		Endrin	
		Endrin aldehyde	
		Endrin ketone	
		EPN	
		Epoxiconazole	
		Eprinomectin	
		Etaconazole 1	
		Etaconazole 2	
		Ethalfluralin	
		Ethiofencarb	
		Ethion	
		Ethiprole	



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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Ethirimol	
		Ethofumesate	
		Etofenprox	
		Etoxazole	
		Famoxadone	
		Fenamidone	
		Fenamiphos	
		Fenarimol	
		Fenazaquin	
		Fenbuconazole	
		Fenchlorphos	
		Fenhexamid	



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Fenitrothion	
		Fenobucarb	
		Fenoxycarb	
		Fenpropathrin	
		Fenpropimorph	
		Fenson	
		Fenthion	
		Fenuron	
		Fenvalerate-1	
		Fenvalerate-2	
		(Esfenvalerate)	
		Fipronil	
		Flonicamid	
		Fluazifop-P-butyl	



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Flubendiamide	
		Fluchloralin	
		Flucythrinate-1	
		Flucythrinate-2	
		Fludioxinil	
		Fludioxonil	
		Flufenacet	
		Flufenoxuron	
		Fluometuron	
		Fluoxastrobin	
		Fluquinconazole	
		Fluquinconazole	
		Fluridone	



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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Flusilazole	
		Flutolanil	
		Flutriafol	
		Fonofos	
		Forchlorfenuron	
		Formetanate	
		Fuberidazole	
		Furalaxyl	
		Furathiocarb	
		gamma-BHC (Lindane)	
		Halofenozide	
		Heptachlor	
		Heptachlor-exo-epoxide	



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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Hexachlorobenzene	
		Hexaconazole	
		Hexaflumuron	
		Hexazinone	
		Hexythiazox	
		Hydramethylnon	
		Imazalil	
		Imidacloprid	
		Indoxacarb	
		lodofenphos	
		Ipconazole 1	
		Ipconazole 2	
		Iprodione	



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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Iprovalicarb 1	
		Iprovalicarb 2	
		Isazofos	
		Isocarbophos	
		Isodrin	
		Isoprocarb	
		Isopropalin	
		Isoproturon	
		Ivermectin	
		Kresoxim-methyl	
		Lambda-Cyhalothrin	
		Lenacil	
		Leptophos	



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

Type of Activity	Test  Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Linuron	
		Lufenuron	
		Malaoxon	
		Malathion	
		Mandipropamid	
		Mefenacet	
		Mepanipyrim	
		Mepronil	
		Mesotrione	
		Metaflumizone	
		Metalaxyl (Mefenoxam)	
		Metazachlor	
		Metconazole	



#### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Methabenthiazuron	
		Methacrifos	
		Methamidophos	
		Methiocarb	
		Methomyl	
		Methoprotryne	
		Methoxychlor	
		Methoxyfenozide	
		Metobromuron	
		Metolachlor (S-	
		Metolachlor)	
		Metribuzin	
		Mevinphos	
		Mexacarbate	



#### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		MGK 264-1	
		MGK 264-2	
		Mirex	
		Monocrotophos	
		Monolinuron	
		Myclobutanil	
		Neburon	
		Nitenpyram	
		Nitralin	
		Nitrofen	
		Norflurazon	
		Novaluron	
		Nuarimol	



#### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		o,p'-DDD	
		o,p'-DDE	
		o,p'-DDT	
		Omethoate	
		Oxadiazon	
		Oxadixyl	
		Oxamyl	
		Oxyfluorfen	
		p,p'-DDD	
		p,p'-DDE	
		p,p'-DDT	
		Paclobutrazol	
		Parathion	



#### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Parathion-methyl	
		Pebulate	
		Penconazole	
		Pendimethalin	
		Pentachloroaniline	
		Pentachloroanisole	
		Pentachlorobenzene	
		Pentachlorobenzonitrile	
		Pentachlorothioanisole	
		Phenmedipham	
		Phenothrin-1	
		Phenothrin-2	
		Phorate	



#### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Phosalone	
		Phosmet	
		Picoxystrobin	
		Piperonyl butoxide	
		Pirimicarb	
		Pirimiphos ethyl	
		Pirimiphos-methyl	
		Pretilachlor	
		Prochloraz	
		Procymidone	
		Prodiamine	
		Profenofos	
		Profluralin	



#### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Promecarb	
		Prometon	
		Prometryne	
		Propachlor	
		Propamocarb	
		Propanil	
		Propargite	
		Propham	
		Propiconazole 1	
		Propiconazole 2	
		Propisochlor	
		Propoxur	
		Propyzamide	



#### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Prothioconazole	
		Prothiofos	
		Pymetrozine	
		Pyracarbolid	
		Pyraclofos	
		Pyraclostrobin	
		Pyrazophos	
		Pyridaben	
		Pyridaben	
		Pyridaphenthion	
		Pyrimethanil	
		Pyriproxyfen	
		Quinalphos	



### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Quinoxyfen	
		Quintozene	
		Resmethrin-1	
		Resmethrin-2	
		(Bioresmethrin)	
		Rotenone	
		Secbumeton	
		Siduron	
		Simetryn	
		Spinetoram	
		Spinosyn A	
		Spinosyn D	
		Spirodiclofen	
		Spiromesifen	



### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Spirotetramat	
		Spiroxamine 1	
		Spiroxamine 2	
		Sulfentrazone	
		Sulfotep	
		Sulprofos	
		tau-Fluvalinate-1	
		tau-Fluvalinate-2	
		Tebuconazole	
		Tebufenozide	
		Tebufenpyrad	
		Tebuthiuron	
		Tecnazene	



### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test  Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Teflubenzuron	
		Tefluthrin	
		Temephos	
		Terbacil	
		Terbufos	
		Terbumeton Terbumeton	
		Terbuthylazine	
		Terbutryn	
		Tetrachlorvinphos	
		Tetraconazole	
		Tetradifon	
		Tetramethrin-1	
		Tetramethrin-2	



#### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Thiabendazole	
		Thiacloprid	
		Thiamethoxam	
		 Thidiazuron	
		Thiobencarb	
		Thiofanox	
		Thiophanate-methyl	
		Tolclofos-methyl	
		Tolylfluanid	
		trans-Chlordane	
		trans-Nonachlor	
		trans-Permethrine	
		Transfluthrin	



#### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test  Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Tri-allate	
		Triadimefon	
		Triadimenol-1	
		Triadimenol-2	
		Triazophos	
		Trichlorfon	
		Tricyclazole	
		Triflumizole	
		Triflumuron	
		Trifluralin	
		Triticonazole	
		Vamidothion	



#### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Pesticide Multiresidues	In-House Test Method
		Analysis by	AHSL/SOP/FCL/39
		LCMSMS/GCMMSMS	
		(LOQ 0.01 mg/Kg for all	
		included pesticides)	
		Vinclozolin	
		Zoxamide	
		Dietary Fibre	In-House Test Mmethod
			AHSL/SOP/FCL/35
		Peroxide value	AOAC 965.33: 2023
		Saccharrin	EN 12856:1999
		(LOQ=0.002%)	
		Brix	In-House Test Method
			AHSL/SOP/FCL/96
		Citric Acid(LOQ=	In-House Test Mmethod
		0.01%)	AHSL/SOP/FCL/82
		Gluten Allergen (LOQ=5	AOAC 2012.01: 2023
		mg/kg)	
		Acesulfame-K	EN12856:1999
		(LOQ=0.002%)	



### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Food	Aspartame	EN12856:1999
		(LOQ=0.002%)	
		Sucralose (LOQ=0.01%	In-House Test Method
		)	AHSL/SOP/FCL/86
	Food & Feed	Moisture	In-House Test Mmethod
			AHSL/SOP/FCL/01
		pH	In-House Test Mmethod
			AHSL/SOP/FCL/13
		Fat	In-House Test Mmethod
			AHSL/SOP/FCL/08
		Total Protein	In-House Test Mmethod
			AHSL/SOP/FCL/02
		Carbohydrates	In-House Test Mmethod
			(By Calculation)
			AHSL/SOP/FCL/04
		Energy	In-House Test Mmethod
			AHSL/SOP/FCL/04
		Energy from Fat	In-House Test Mmethod
			AHSL/SOP/FCL/04



### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test  Materials/Products	Test Name	Test Method
Chemical	Food & Feed	Minerals	In-House Test Mmethod
		Ca,Mg,K,Fe,Na,Zn,Cu,Mn	AHSL/SOP/FCL/31
		Ash	In-House Test Mmethod
			AHSL/SOP/FCL/05
		Crude Fiber	In-House Test Method
			AHSL/SOP/FCL/34
	Feed	Acid Detergent Fiber	In-House Test Method
			SOP 13
		Neutal Detergent Fiber	In-House Test Method
			SOP 14
	Animal feed	Acid Insoluble ash	AOAC 975.12
	Milk and Milk products	Fat (Modified Mojonnier	AOAC 989.05
		Ether Extract)	In-House Test Mmethod
			AHSL/SOP/FCL/03
		Solid Non-fat	AOAC 990.21
	Oils and Fats	Saponification value	AOAC 920.160: 2023
		Unsaponifiable matter	IS 548



### **Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

# ICAD, Mussafah, Abu Dhabi - United Arab Emirates

Type of Activity	Test Materials/Products	Test Name	Test Method
Molecular Biology	Food and Food Products	Detection of Equine in	Applied Biosystems Real-
		food and food products	Time PCR system 7500
		using the RT-PCR	
		technique, LOD=0.01%	



#### **Environmental Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Bottled water	Heterotrophic Plate	CMMEF 60.42
		Count	
	Domestic & Potable	Enumeration of	ISO 14189
	Water and Ice	Clostridium perfringens	
		Method using membrane	
		filtration	
	Domestic, Potable	Heterotrophic Plate	APHA 24 <sup>th</sup> Ed. 9215 B
	Water, Recreational	Count	
	water & Non Potable		
	Water		
	Domestic, Potable	Enumeration of	APHA 24 <sup>th</sup> Ed. 9221 B
	Water, Bottled Water	Coliforms	APHA 24 <sup>th</sup> Ed. 9222B
	Recreational Water &		
	Non Potable Water		
	Domestic, Potable	Enumeration of Fecal	APHA 24 <sup>th</sup> Ed. 9221 E.1
	Water, Bottled Water	Coliforms	
	Recreational Water &		
	Non Potable Water		
	Domestic, Potable	Enumeration of E.coli	APHA 24 <sup>th</sup> Ed. 9222 B
	Water, Bottled Water,		APHA 24 <sup>th</sup> Ed. 9221 F
	Recreational Water &		
	Non Potable Water		



#### **Environmental Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test	Test Name	Test Method
	Materials/Products	rest Name	rest Method
Microbiology	Domestic, Potable	Enumeration of	BS EN ISO 16266
	Water, Bottled Water	Pseudomonas aeruginosa	
	Recreational Water &		
	Non Potable Water		
	Domestic, Potable	Enumeration of Fecal	APHA 24 <sup>th</sup> Ed. 9230 C
	Water, Bottled Water,	Streptococcus	
	Recreational Water &		
	Non Potable Water		
	Water Matrix A: Water	Enumeration of	ISO 11731
	with low background	Legionella species	Matrix A: Procedures 7
	Matrix B: Water with		Matrix B: Procedures 1,
	high background		8, 9, 10
	Matrix C: Water with		Matrix C: Procedures 8,
	very high background		9, 10, 14
	Domestic & Potable	Aerobic Colony Count	ISO 6222
	Water		
Chemical	Water (Potable water,	Bromate (LOQ = 5.0	APHA 4110D
	RO water, Unbottled	ug/L)	EPA 300.1
	drinking water, bottled		
	drinking water, Tap		
	water, Tank water)		



#### **Environmental Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Issue no.: 14 Date: 25-09-2025 Valid to: 03-09-2028

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water (Potable water,	Alachlor	In-House Test Method
	RO water, Unbottled drinking water, bottled	Aldicarb	AHSL/SOP/FCL/41
	drinking water, Tap	Aldrin	
	water, Tank water)	Dieldrin	
		Atrazine	
		Carbofuran	
		Chlordane	
		Chloropyrifos	
		Chlorotoluron	
		Cyanazine	
		DDT and metabolites	
		Dichloroprop	
		Dimethoate	
		Endrin	
		Heptachlor	
		Heptachlor epoxide	
		Hydroxyatrazine	

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#### **Environmental Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Issue no.: 14 Date: 25-09-2025 Valid to: 03-09-2028

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water (Potable water,	Isoproturon	In-House Test Method AHSL/SOP/FCL/41
	RO water, Unbottled drinking water, bottled drinking water, Tap	Lindane	
		мсра	
	water, Tank water)	Mecoprop (MCPP)	
		Methoxychlor	
		Metolachlor	
		Molinate	
		Pendimethalin	
		Simazine	
		Terbuthylazine	
		Trifluralin	

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#### **Environmental Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water intended for	Suitability of non-metallic materials and products	
	human consumption after	for use in contact with water intended for human	
	being in contact with non-	consumption with regard to their effect on the	
	metallic materials and	quality of the water Specif	ication:
	products e.g.,		II
	1)Thermoplastic	Odour	BS 6920 Part 2.2 & 3
	products(Plastic		
	Sheets,moulded products)	Flavour	BS 6920 Part 2.2 & 3
	2) thermos setting		
	products(Rubber	Color	BS 6920 Part 2.3 & 3
	compound,GRP,Epoxy		
	Resins)	Turbidity	BS 6920 Part 2.3 & 3
	3) Multilayered		
	composite products	Growth of aquatic	BS 6920 Part 2.4
	(Hoses & ion exchange	microorganisms (Mean	
	resins)	Dissoved oxygen	
	4) Grease, Oil & lubricants	Metals (ICP/OES)	
	5) cementitious products		
	6) ceramic & graphite	Aluminium (Al) (LOQ	In-House Test Method
	based products	100 μg/L)	AHSL/CHEM SOP#29
		Antimony (Sb) (LOQ 10	based on the BS 6920-
		μg/L)	



#### **Environmental Testing**

#### LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water intended for	Metals (ICP/OES)	
	human consumption after		
	being in contact with non-	Arsenic (As) (LOQ 10	In-House Test Method
	metallic materials and	μg/L)	AHSL/CHEM SOP#29
	products e.g.,	Boron (B) (LOQ 100	based on the BS 6920-
	1)Thermoplastic	μg/L)	2.6: 2014
	products(Plastic	Cadmium (Cd) (LOQ 10	-
	Sheets, moulded products)	μg/L)	
	2) thermos setting	Chromium (Cr) (LOQ	-
	products(Rubber	100 μg/L)	
	compound,GRP,Epoxy	Iron (Fe) (LOQ 100	-
	Resins)	μg/L)	
	3) Multilayered	Lead (Pb) (LOQ 100	-
	composite products	μg/L)	
	(Hoses & ion exchange resins)	Manganese (Mn) (LOQ	-
	4) Grease, Oil & lubricants	100 µg/L)	
	5) cementitious products	Mercury (Hg) (LOQ 10	-
	6) ceramic & graphite	μg/L)	
	based products	Nickel (Ni) (LOQ 100	-
	basea products	μg/L)	
			-
		Selenium (Se) (LOQ 10	
		μg/L)	



#### **Environmental Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

# ICAD, Mussafah, Abu Dhabi - United Arab Emirates

Type of Activity	Test Materials/Products	Test Name	Test Method
Sampling	Water	Sampling for Legionella bacteria in water systems	BS 7592
	Domestic & Potable water, Waste water, pool water and ice. Recreational water and non-potable water		APHA 24 <sup>th</sup> Ed. 9060A APHA 24 <sup>th</sup> Ed. 9213 B
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 Legionella Species and L. pneumophila



### **Food Contact Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

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



#### **Detergents and Disinfectants Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Hand Sanitizers / Hand	Chemical disinfectants	BS EN 1276
	Scrubs, Germicidal	and antiseptics	
	Liquids/ Surface sanitizer	Quantitative suspension	
		test for the evaluation of	
		bactericidal activity of	
		chemical disinfectants	
		and antiseptics	



#### **Halal Food Testing**

LB-TEST-023

## Al Hoty Stanger Laboratory L.L.C

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

Type of Activity	Test Materials/Products	Test Name	Test Method
Molecular Biology	Food and Food Products	Detection of pork in food	In-house method
		and food products using	(QC/SOP2/PCR/IOTGD)
		the RT-PCR technique,	(QC/SOP4/PCR/SPDFF
		LOD=0.01%	S)
Molecular Biology	Food and Food Products	Detection of GMO	In-house method
		(Genetically Modified	(QC/SOP2/PCR/IOTGT)
		Organism) in Food and	(QC/SOP3/PCR/SGMO)
		food products by using	
		Real Time RT-PCR	
		technique LOD= 1%	
Chemical	Food	Ethanol Residue	In-House Test Method
		(LOQ=0.01%)	SOP Chem 11 based on
			AOAC 973.23