



ACCREDITATION CERTIFICATE

LB-TEST-205

Emirates International Accreditation Centre

has accredited

CHEMICAL ANALYSIS LABORATORIES SECTION

DUBAI CENTRAL LABORATORY DEPARTMENT

DUBAI MUNICIPALITY

Za'beel Street | Al Karamah | Dubai | 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: 23-01-2025 to 29-05-2025

Initial Accreditation Date: 12-01-2009



Amina Ahmed Mohammed
CHIEF EXECUTIVE OFFICER



Accreditation Scope
LB-TEST-205

Chemical Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Date: 23-01-2025

Accreditation History		
Issue no.	Details	Date

Food

12	Reissued due to change in the laboratory's name (formerly known as the Consumer Products and Commodities Laboratory Section - DCLD-DM).	23-01-2025
11	Renewal of accreditation, voluntary reduction of tests and change in test methods	05-08-2022
10	Certificate validity was extended for 6 months from 30-05-2022 up to 29-11-2022	30-05-2022
09	Extension in scope	27-01-2022
08	Reduction in scope (Shift the Pesticide tests from the this branch in Karama to Al Wersan Branch) and comply with	08-09-2020
07	Extension in scope and first issuance under the name of Eiac (which was formerly known as DAC)	30-05-2019

Accreditation Scope
LB-TEST-205

Chemical Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Date: 23-01-2025

Accreditation History		
Issue no.	Details	Date

Environmental

10	Reissued due to: 1. 1. Modifications in some test methods. 2. Change in the laboratory's name (formerly known as the Consumer Products and Commodities Laboratory Section - DCLD-DM). 3. Voluntary reduction and extension in scope	23-01-2025
09	Renewal of accreditation	05-08-2022
08	Certificate validity was extended for 6 months from 30-05-2022 up to 29-11-2022	30-05-2022
07	Change the accreditation number format	08-09-2020
06	Extension in scope and first issuance under the name of Eiac (which formally was known as DAC)	30-05-2019

Accreditation Scope
LB-TEST-205

Chemical Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Date: 23-01-2025

Accreditation History		
Issue no.	Details	Date

Detergents and Disinfectants

09	Reissued due to: 1. Change in the laboratory's name (formerly known as the Consumer Products and Commodities Laboratory Section - DCLD-DM). 2. Voluntary Reduction	23-01-2025
08	Renewal accreditation	15-07-2022
07	Certificate validity was extended for 6 months from 30-05-2022 up to 29-11-2022	30-05-2022
06	Extension in scope and comply with the new accreditation number format	29-06-2021
05	Extension in scope, Renewal of accreditation and first issuance under the name of EIAC (which was formerly known as DAC)	08-07-2019

Accreditation Scope
LB-TEST-205

Chemical Analysis Laboratories Section

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Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Date: 23-01-2025

Accreditation History		
Issue no.	Details	Date

Toys

10	Reissued due to change in the laboratory's name (formerly known as the Consumer Products and Commodities Laboratory Section - DCLD-DM).	23-01-2025
09	Renewal accreditation and reduction in scope	15-07-2022
08	Certificate validity was extended for 6 months from 30-05-2022 up to 29-11-2022	30-05-2022
07	Re-issued to comply with the new accreditation number format	29-06-2021
06	Renewal of accreditation and first issuance under the name of EIAC (which was formerly known as DAC)	08-07-2019

Accreditation Scope
LB-TEST-205

Chemical Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Date: 23-01-2025

Accreditation History		
Issue no.	Details	Date

Textile

10	Reissued due to: 1. Modifications in some test names and test methods. 2. Change in the laboratory's name (formerly known as the Consumer Products and Commodities Laboratory Section - DCLD-DM). 3. Consolidation of all chemical testing scopes into one section 4. Extension in scope	23-01-2025
09	Renewal accreditation	15-07-2022
08	Certificate validity was extended for 6 months from 30-05-2022 up to 29-11-2022	30-05-2022
07	Extension in scope and comply with the new accreditation number format	29-06-2021
06	Extension of scope, Renewal the accreditation and first issuance under the name of EIAC (which was formerly known as DAC)	08-07-2019

Accreditation Scope
LB-TEST-205

Chemical Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Date: 23-01-2025

Accreditation History		
Issue no.	Details	Date

Precious Metals

12	Reissued due to: 1. Change in the laboratory's name (formerly known as the Consumer Products and Commodities Laboratory Section - DCLD-DM). 2. Reduction in scope	23-01-2025
11	Renewal accreditation	15-07-2022
10	Certificate validity was extended for 6 months from 30-05-2022 up to 29-11-2022	30-05-2022
09	Re-issued to comply with the new accreditation number format	29-06-2021
08	Modify in the SOP number to comply with the ID number system followed by Dubai Central Laboratory	11-01-2021
07	Renewal of accreditation and first issuance under the name of Eiac (which was formerly known as DAC)	08-07-2019

Accreditation Scope
LB-TEST-205

Chemical Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

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Accreditation History		
Issue no.	Details	Date

Gemstones

10	Reissued due to: 1. Modifications in some test names and test methods. 2. Change in the laboratory's name (formerly known as the Consumer Products and Commodities Laboratory Section - DCLD-DM).	23-01-2025
09	Reduction in Scope	05-08-2022
08	Renewal accreditation	15-07-2022
07	Certificate validity was extended for 6 months from 30-05-2022 up to 29-11-2022	30-05-2022
06	Re-issued to comply with the new accreditation number format	29-06-2021
05	Modify in the SOP number to comply with the ID number system followed by Dubai Central Laboratory	11-01-2021
04	Extension of scope, Renewal of accreditation and first issuance under the name of EIAC (which was formerly known as DAC)	08-07-2019

Accreditation Scope
LB-TEST-205

Chemical Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

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Accreditation History		
Issue no.	Details	Date

Cosmetics

10	Reissued due to: 1. Change in the laboratory's name (formerly known as the Consumer Products and Commodities Laboratory Section - DCLD-DM). 2. Voluntary Reduction	23-01-2025
09	Renewal accreditation	15-07-2022
08	Certificate validity was extended for 6 months from 30-05-2022 up to 29-11-2022	30-05-2022
07	Extension in scope and comply with the new accreditation number format	29-06-2021
06	Extension of scope, Renewal of accreditation and first issuance under the name of EIAC (which was formerly known as DAC)	08-07-2019

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Additives			
Chemical Analysis Analysis	Food & Soft Drinks	Preservatives ,Artificial sweeteners & Caffeine (UPLC and HPLC)	
		Acesulfam-K	DM-DCLD-SOP-CHL-FD2280
		Aspartame	
		Benzoic Acid	
		Caffeine	
		Saccharin	
		Sorbic Acid	
	Energy Drinks, Soft Drinks Foods Supplements	Water soluble Vitamins (UPLC)	
		Thiamine Hydrochloride	DM-DCLD-SOP-CHL-FD2282
		Riboflavin	
		Pyridoxine	
		Pantothenic Acid	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Additives			
Chemical Analysis	Energy Drinks, Soft Drinks Foods Supplements	Water soluble Vitamins (UPLC)	
		Nicotinic acid	DM-DCLD-SOP-CHL-FD2282
		Nicotinamide	
		Folic Acid	
		Cyanocobalamine	
		Biotin	
		Ascorbic Acid	
	Foods	Identification of water soluble Synthetic Colours (Paper Chromatography)	
		Allura Red	DM-DCLD-SOP-CHL-FD2285
		Amaranth	
		Brilliant Black	
		Brilliant Blue	
		Brown HT	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Additives			
Chemical Analysis Analysis	Foods	Identification of water soluble Synthetic Colours (Paper Chromatography)	
		Carmoisine	DM-DCLD-SOP-CHL-FD2285
		Erythrosine	
		Fast Green	
		Green S	
		Indigo carmine	
		Patent Blue	
		Ponceau 4R	
		Quinoline Yellow	
		Red 2G	
		Sunset yellow FCF	
		Tartrazine	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Additives			
Chemical Analysis	Foods	Histamine	DM-DCLD-SOP-CHL-FD2288
		Sulphur dioxide	DM-DCLD-SOP-CHL-FD2290
Adulterants			
Chemical Analysis	Food Supplements/slimming formulations	Detection and determination of hazardous weight loss substances in (UPLC-TQD)	
		Amphetamine	DM-DCLD-SOP-CHL-FD2283
		Bumetanide	
		Fluoxetine	
		Metformin	
		Penfluridol	
		Phenolphthalein	
		Phentermine	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

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Type of Activity	Test Materials/Products	Test Name	Test Method
Adulterants			
Chemical Analysis	Food Supplements/slimming formulations	Detection and determination of hazardous weight loss substances in (UPLC-TQD)	
		Sibutramine	DM-DCLD-SOP-CHL-FD2283
		Spironolactone	
		Triamterene	
	Food Supplements	PDE 5 Inhibitors	
		Acetaminotadalafil	DM-DCLD-SOP-CHL-FD2284
		Aminotadalafil	
		Aminotadalafil	
		Avanafil	
		Homosildenafil	
		Hydroxyacetildenafil	
		Hydroxyhomosildenafil	

Accreditation Scope

Food Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Adulterants			
Chemical Analysis	Food Supplements	PDE 5 Inhibitors	
		Hydroxythiohomosildenafil	DM-DCLD-SOP-CHL-FD2284
		Propoxyphenylhydroxyhomosildenafil	
		Sildenafil	
		Tadalafil	
		Thiohomosildenafil	
		Thiosildenafil	
		Udenafil	
		Vardenafil	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Adulterants			
Chemical Analysis	Milk and milk based Products	Melamine and Cyanuric Acid (LC-MS/MS)	DM-DCLD-SOP-CHL-FD2370
		Cyanuric Acid	
		Melamine	
	Spices -condiments and selected foods	Sudan Dyes	DM-DCLD-SOP-CHL-FD2400
		Para Red	
		Sudan I	
		Sudan II	
		Sudan III	
		Sudan IV	
		Sudan Red 7B	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Food Contact Materials			
Chemical Analysis	Food Contact Materials	Bisphenol A migrated from food packaging materials into food simulants	
		BADGE	DM-DCLD-SOP-CHL-FD2451
		BFDGE	
		BPA	
	Food Contact Materials	Overall Migration of Food Contact Materials into Aqueous Food Simulants	DM-DCLD-SOP-CHL-FD2452
	Food Contact Materials	Specific Migration of Metals in Food Contact Materials	
		Aluminum (Al)	DM-DCLD-SOP-CHL-FD2455
		Barium (Ba)	
		Cobalt (Co)	
		Copper (Cu)	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Food Contact Materials			
Chemical Analysis	Food Contact Materials	Specific Migration of Metals in Food Contact Materials	
		Iron (Fe)	DM-DCLD-SOP-CHL-FD2455
		Lithium (Li)	
		Manganese (Mn)	
		Zinc (Zn)	
Metals			
Chemical Analysis	Food and supplements	Trace metals (ICP-MS /pressure digestion)	
		Arsenic	BS EN 15763:2009
		Mercury	
		Cadmium	
		Lead	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Metals			
Chemical Analysis	Fortified Food Products	Minerals (ICP-OES/Microwave Digestion)	
		Ca, Cu, Fe, K, Mg, Mn, Na, P, Zn	DM-DCLD-SOP-CHL-FD2231
	Foods	Titanium dioxide	DM-DCLD-SOP-CHL-FD2232
	Canned Foods	Tin (ICP-OES)	DM-DCLD-SOP-CHL-FD2233
	Rice and rice based products	Arsenic (LC-ICP-MS)	DM-DCLD-SOP-CHL-FD2301
Mycotoxins			
Chemical Analysis	Nuts Dried Fruits, Cereals, Oil Seeds and their Products	Aflatoxins (B1 B2 G1 G2) (HPLC)	
		AFLA B1	DM-DCLD-SOP-CHL-FD2320
		AFLA B2	
		AFLA G1	
		AFLA G2	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Mycotoxins			
Chemical Analysis	Milk and milk products	Determination of Aflatoxins M1	DM-DCLD-SOP-CHL-FD2321
	Cereal and related foods	Multi mycotoxins (UPLC-MS/MS)	
		Aflatoxin B1	DM-DCLD-SOP-CHL-FD2324
		Aflatoxin B2	
		Aflatoxin G1	
		Deoxynivalenol	
		Fumonisin B1	
		Fumonisin B2	
		HT2 Toxin	
		T2 Toxin	
		Aflatoxin G2	
		Ochratoxins A	
		Zearalenone	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Oil and Fat			
Chemical Analysis	Edible oils and fats	Refractive Index	DM-DCLD-SOP-CHL-FD2260
		Free Fatty Acid (FFA)	DM-DCLD-SOP-CHL-FD2261
		Peroxide Value	DM-DCLD-SOP-CHL-FD2262
		Melting point	DM-DCLD-SOP-CHL-FD2263
	Fish oil supplements, eggs and vegetable oils	Fatty Acid Profile and omega fatty acids (GC/FID)	
		ALA	DM-DCLD-SOP-CHL-FD2264
		ARA	
		DHA	
		EPA	
		Erucic acid	
		GLA	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Oil and Fat			
Chemical Analysis	Foods	Determination of Trans Fatty Acids	DM-DCLD-SOP-CHL-FD2267
	Fish oil supplements, eggs and vegetable oils	Fatty Acid Profile and omega fatty acids (GC/FID)	
		Linoleic acid	DM-DCLD-SOP-CHL-FD2264
		mono-unsaturated	
		Oleic acid	
		Poly-unsaturated	
		Saturates	
	Edible oils and fats	Polycyclic Aromatic Hydrocarbons - PAH (HPLC)	
		Benz (a) anthracene	DM-DCLD-SOP-CHL-FD2392
		Benzo (b) fluoranthene	
		Benzo (g,h,i) perylene	
		Benzo (k) fluoranthene	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Oil and Fat			
Chemical Analysis	Edible oils and fats	Polycyclic Aromatic Hydrocarbons - PAH (HPLC)	
		Benzo(a)pyrene	DM-DCLD-SOP-CHL-FD2392
		Chrysene	
		Dibenz (a,h)anthracene	
		Phenanthrene (Screening only)	
Proximate			
Chemical Analysis	Foods	Moisture /Total Solids	DM-DCLD-SOP-CHL-FD2203
	Milk powder, Dairy products, Yoghurt and cheese	Food Composition (FT-NIR)	
		Ash	DM-DCLD-SOP-CHL-FD2206
		Fat	
		Moisture	
Protein			

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Proximate			
Chemical Analysis	Infant Foods, Dairy Products	Fat Content (Ammonia Digestion Method)	DM-DCLD-SOP-CHL-FD2207
	Food and Food Products	Total Protein (Kjeldahl Method)	DM-DCLD-SOP-CHL-FD2210
		Total Ash	DM-DCLD-SOP-CHL-FD2211
		Total acidity	DM-DCLD-SOP-CHL-FD2213
		pH Value	DM-DCLD-SOP-CHL-FD2214
		Total soluble solids (Brix°)	DM-DCLD-SOP-CHL-FD2294
	Honey	Diastase activity	DM-DCLD-SOP-CHL-FD2209
		Hydroxymethyl Furfural HMF (UV & HPLC)	DM-DCLD-SOP-CHL-FD2215
		Electrical Conductivity	DM-DCLD-SOP-CHL-FD2229

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Proximate			
Chemical Analysis	Honey, milk & milk products	Sugars i(HPLC)	DM-DCLD-SOP-CHL-FD2216
		Fructose	
		Galactose	
		Glucose	
		Lactose	
		Sucrose	
Radiation			
Chemical Analysis	Foods & water	Gamma Radiation (Cs-137, Cs -134)	DM-DCLD-SOP-CHL-FD2401
	water	Tritium (Liquid Scintillation counter)	DM-DCLD-SOP-CHL-FD2402

Accreditation Scope

Food Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Food and Food Products	Antibiotics (LC-MS-MS)	
		Beta Lactams:	
		Amoxicillin	DM-DCLD-SOP-CHL-FD2366
		Ampicillin	
		Cefalexin	
		Cefalonium	
		Cefapirin	
		Cefazolin	
		Cefoperazone	
		Cefotaxime	
		Cefquinome	
		Cefradine	
		Ceftiofur	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

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Vet Drugs			
Chemical Analysis	Food and Food Products	Antibiotics (LC-MS-MS)	
		Beta Lactams:	
		Cloxacillin	DM-DCLD-SOP-CHL-FD2366
		Desacetyl Cephapirin	
		Dicloxacillin	
		efadroxil	
		Nafcillin	
		Nequinatate	
		Oxacillin	
		Penicillin G	
		Penicillin V	
		piperacillin	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

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Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Food and Food Products	Antibiotics (LC-MS-MS)	
		Macrolides:	
		Erythromycin	DM-DCLD-SOP-CHL-FD2366
		Gamithromycin	
		Josamycin	
		Lincomycin	
		Oleandomycin	
		Pirlimycin	
		Spiramycin I	
		Tiamulin	
		Tildipirosin	
		Tilmicosin	
		Tulathromycin	

Accreditation Scope
Food Testing
LB-TEST-205

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Vet Drugs			
Chemical Analysis	Food and Food Products	Antibiotics (LC-MS-MS)	
		Macrolides:	
		Tylosin	DM-DCLD-SOP-CHL-FD2366
		Tylvalosin (Aivlosin)	
		Valnemulin	
		Antibiotics (LC-MS-MS)	
		Quinolines:	
		Ciprofloxacin	DM-DCLD-SOP-CHL-FD2366
		Danofloxacin	
		Difloxacin	
		Enrofloxacin	
		Flumequine	
		Marbofloxacin	
		Nalidixic acid	

Accreditation Scope
Food Testing
LB-TEST-205

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Issue no.: 12

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Vet Drugs			
Chemical Analysis	Food and Food Products	Antibiotics (LC-MS-MS)	
		Quinolines:	
		Norfloxacin	DM-DCLD-SOP-CHL-FD2366
		Ofloxacin	
		Orbifloxacin	
		Oxolinic acid	
		Sarafloxacin	
		Antibiotics (LC-MS-MS)	
		Sulfonamides:	
		Dapson	DM-DCLD-SOP-CHL-FD2366
		Sulfabenzamide	
		Sulfacetamide	
		Sulfachloropyridazine	
		Sulfadiazine (Silvadene)	

Accreditation Scope

Food Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Food and Food Products	Antibiotics (LC-MS-MS)	
		Sulfonamides:	
		Sulfadimethoxine	DM-DCLD-SOP-CHL-FD2366
		Sulfadimidine	
		Sulfadoxine	
		Sulfaguanidine	
		Sulfamerazine	
		Sulfamethizole	
		Sulfamethoxazole	
		Sulfamethoxypyridazine	
		Sulfametoxydiazine	
		Sulfamonomethoxine	
		Sulfanilamide	

Accreditation Scope

Food Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Food and Food Products	Antibiotics (LC-MS-MS)	
		Sulfonamides:	
		Sulfapyridine	DM-DCLD-SOP-CHL-FD2366
		Sulfaquinoxaline	
		Sulfathiazole	
		Sulfisomidine	
		Sulfisoxazole	
		Trimethoprim	
		Anhydrotetracycline	
		Chlortetracycline	
		Doxycycline	
		Metacycline	

Accreditation Scope

Food Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Food and Food Products	Antibiotics (LC-MS-MS)	
		Tetracyclines:	
		Oxytetracycline	DM-DCLD-SOP-CHL-FD2366
		Tetracycline	
		NSAIDS (Non-Steroidal Anti-Inflammatory Drugs) (LCMSMS)	
		5-Hydroxyflunixin	DM-DCLD-SOP-CHL-FD2374
		Diclofenac	
		Flunixin	
		Ibuprofen	
		Meloxicam	
		Naproxen	
		Phenylbutazone	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Food and Food Products	Nitrofurans (LCMSMS)	
		Chloramphenicol	DM-DCLD-SOP-CHL-FD2375
		Florfenicol	
		Furaltadone (AMTZ), as 2-NP-AMTZ	
		Furazolidone (AOZ), as 2-NP-AOZ	
		Nitrofurantoin (AHD), as 2-NP-AHD	
		Nitrofurazone (SC), as 2-NP-SC	
		Thiamphenicol	
	Tissue	β-Agonist Residues (LCMS/MS)	
		Brombuterol	DM-DCLD-SOP-CHL-FD2367
		Chlorbrombuterol	

Accreditation Scope

Food Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Tissue	β-Agonist Residues (LCMS/MS)	
		Cimaterol	DM-DCLD-SOP-CHL-FD2367
		Cimbuterol	
		Clenbuterol	
		Clenbuterol-hydroxymethyl	
		Clenpenterol	
		Clenproperol	
		Isoxsuprine (Isolait)	
		Mabuterol	
		Mapenterol	
		Ractopamine	
		Salbutamol (Albuterol)	

Accreditation Scope

Food Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Tissue	β-Agonist Residues (LCMS/MS)	
		Salmeterol	DM-DCLD-SOP-CHL-FD2367
		Terbutaline	
		Tulobuterol	
		Zilpaterol	
	Honey, Royal Jelly, Milk, and Sea Food / Veterinary Drugs	Chloramphenicol (LC-MS-MS)	DM-DCLD-SOP-CHL-FD2368
	Veterinary Drugs residues in Milk and Tissue	Sulfabenzamide	DM-DCLD-SOP-CHL-FD2369
		Sulfacetamide	
		Sulfachloropyridazine	
		Sulfadiazine	
		Sulfadimethoxine	

Accreditation Scope

Food Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Veterinary Drugs residues in Milk and Tissue	Sulfonamides & Trimethoprim (LC-MS/MS)	
		Sulfadimidine	DM-DCLD-SOP-CHL-FD2369
		Sulfadoxine	
		Sulfaguanidine	
		Sulfamerazine	
		Sulfameter	
		Sulfamethizole	
		Sulfamethoxazole	
		Sulfamethoxypyridazin	
		Sulfamonomethoxine	
		Sulfamoxole	
		Sulfapyridine	
		Sulfaquinoxaline	

Accreditation Scope
Food Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Veterinary Drugs residues in Milk and Tissue	Sulfonamides & Trimethoprim (LC-MS/MS)	
		Sulfathiazole	DM-DCLD-SOP-CHL-FD2369
		Sulfisomidine	
		Trimethoprim	
	Veterinary residues in Milk, Tissues and eggs	Tetracyclines (LC-MSMS)	
		4-Epichlortetracycline	DM-DCLD-SOP-CHL-FD2371
		4-Epioxytetracycline	
		Chlortetracycline-	
		Doxycycline	
		Epitetracycline	
		Epitetracycline -	
		Anhydrotetracycline-	
	Methacycline		

Accreditation Scope

Food Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Veterinary residues in Milk , Tissues and eggs	Tetracyclines (LC-MSMS)	
		Oxytetracycline	DM-DCLD-SOP-CHL-FD2371
		Tetracycline	
		Anthelmintic (Avermectins) (LC/MS/MS)	
		Abamectin	DM-DCLD-SOP-CHL-FD2372
		Doramectin	
		Emamectin	
		Eprinomectin	
		Anthelmintic (Avermectins) (LC/MS/MS)	
		Ivermectin	DM-DCLD-SOP-CHL-FD2372
		Moxidectin	

Accreditation Scope

Food Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Vet Drugs			
Chemical Analysis	Aquaculture Products	Triphenylmethane Dyes Residues and their Metabolites (LC-MS-MS)	
		Brilliant green	DM-DCLD-SOP-CHL-FD2376
		Crystal violet	
		Leuco Crystal violet	
		Leuco Malachite green	
		Malachite green	

Accreditation Scope
Environmental Testing
LB-TEST-205

Chemical Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Water/ Wastewater	pH	(DM-DCLD-SOP-CHL-EV1101) Based on Standard Test Method APHA 4500 H +
		Conductivity	(DM-DCLD-SOP-CHL-EV1102) Based on Standard Test Method APHA 2510 B,2520 B
		Total Dissolved Solids (TDS)	(DM-DCLD-SOP-CHL-EV1105) Based on Standard Test Method APHA 2540 C, 2510A
		Total Suspended Solids (TSS)	(DM-DCLD-SOP-CHL-EV1104) Based on Standard Test Method APHA 2540 D

Accreditation Scope
Environmental Testing
LB-TEST-205

Chemical Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Water/ Wastewater	Phosphate Phosphorous	(DM-DCLD-SOP-CHL-EV1117) Based on Standard Test Method APHA 4500-P D, MOOPAM 4th ED.3.2.8-A.
		Nitrogen Ammonia	(DM-DCLD-SOP-CHL-EV1112) Based on Standard Test Method APHA 4500 NH3 B
		Oil & grease	(DM-DCLD-SOP-CHL-EV1121) Based on Standard Test Method APHA 5520 B
		BOD	(DM-DCLD-SOP-CHL-EV1122) Based on Standard Test Method APHA 5210 B

Accreditation Scope
Environmental Testing
LB-TEST-205

Chemical Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Water/ Wastewater	COD	(DM-DCLD-SOP-CHL-EV1123) Based on Standard Test Method APHA 5220B
		Metals (ICP-OES)	
		Ag, Ca, Cd, Co, Cr, Cu, Fe, Mg, Mn, Ni, Pb, Zn	(DM-DCLD-SOP-CHL-EV1131) Based on Standard Test Method APHA 3030 A & 3120 B
	Water	Anions (IC)	
		Bromate	(DM-DCLD- SOP-CHL-EV1130) Based on Standard Test Method APHA 4110B
		Bromide	
		Chloride	
		Fluoride	
		Nitrate	
		Sulfate	

Accreditation Scope
Environmental Testing
LB-TEST-205

Chemical Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Water	Metals (ICP-MS)	
		Ag, AS, B, Ba, Be, Cd, Co, Cr, Hg, Mn, Mo, Ni, Pb, Sb, Se, Sn, U	(DM-DCLD-SOP-CHL-EV1135) Based on Standard Test Method APHA 3125
	Soil & Sludge	Metals (ICP-OES)	
		Na, K	(DM-DCLD-SOP-CHL-EV1131) Based on Standard Test Method APHA 3120 B
		Metals (ICP-OES)	
		Cu, Cd, Cr, Ni, Pb, Zn	(DM-DCLD-SOP-CHL-EV1304) Based on Standard Test Method APHA 3030 H, 3120 B

Accreditation Scope
Detergents and Disinfectants Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 09

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Laundry Products	Moisture And Volatile Matter Content	UAES/ GSO 200
	Laundry Products, Soaps and Disinfectants	pH	UAES GSO ISO 4316
	Detergents products	Anionic surfactants content (Potentiometric Titration)	DM-DCLD-SOP-CHL-CP2015
	Washing Powder	Active oxygen content (Potentiometric Titration)	DM-DCLD-SOP-CHL-CP2016
	Sanitizers and Disinfectants	Chemical Analysis Analysis for Alcohols & Non-Alcohol Based	DM-DCLD-SOP-CHL-CP2038
	Detergents, Disinfectants & Antiseptics	Metals (ICP-MS)	
		Arsenic (As) (LOR =1.2mg/Kg)	DM-DCLD-SOP-CHL-CP2020
		Cadmium (Cd) (LOR =1.2mg/Kg)	

Accreditation Scope
Detergents and Disinfectants Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 09

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Detergents, Disinfectants & Antiseptics	Metals (ICP-MS)	DM-DCLD-SOP-CHL-CP2020
		Copper (Cu) (LOR =1.2mg/Kg)	
		Iron (Fe) (LOR =1.2mg/Kg)	
		Lead (Pb) (LOR =1.2mg/Kg)	
		Magnesium (Mg) (LOR = 6.0 mg/Kg)	
		Mercury (Hg) (LOR =1.2mg/Kg)	
		Tin (Sn) (LOR = 6.0 mg/Kg)	

Accreditation Scope

Toys Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical & Physical	Toys	Safety of toys Part 1: Mechanical and physical properties	BS EN 71 Part 1 Except 4.14.1c: Toys which a child can enter
Physical	Toys	Safety of toys Part 2: Flammability	BS EN 71 Part 2 Except Clause: 4.0 (Flow Tests)
	Finger paint	Safety of toys Part 7: Finger paints. Requirements and test methods Clause 4.10: Containers	BS EN 71 Part 7 Clause 4.10
Chemical Analysis	Toys	Safety of toys Part 6: Certain phthalate esters in toys and children's products	ISO 8124 Part 6

Accreditation Scope

Toys Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Finger paint	Safety of toys Part 7: Finger paints. Requirements and test methods Clause 4.3: Determination of free formaldehyde in finger paint	BS EN 71 Part 7 Clause: 4.3 EU Directive 82 / 434 / EEC IV.4
		Safety of toys Part 7: Finger paints. Requirements and test methods Clause 4.7: Determination of pH in finger paint General methods of test for pigments and extenders	BS EN 71 Part 7 Clause 4.7 BS EN ISO 787 Part: 9

Accreditation Scope

Toys Testing

LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Finger paint	Safety of toys Part 3: Migration of certain elements Part 7: Finger paints. Requirements and test methods Clause 4.4: Migration of certain Elements (Al, Sb, As, Ba, B, Cd, Cr, Co, Cu, Pb, Mn, Hg, Ni, Se, Sr, Sn, Zn)	BS EN 71 Part 3 BS EN 71 Part 7 Clause 4.4

Accreditation Scope
Textile Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical/ Mechanical	Textiles	Textiles - Tests for colour fastness Colour fastness to artificial light: Xenon arc fading lamp test 1-8 Standard blue scale; L2 to L9 Blue wool reference materials (visual)	BS EN ISO 105-B02 AATCC TM16
		Standard Test Method for Width of Textile Fabric 0-10 m	ASTM D3774
		Standard Test Methods for Length of Woven Fabric 0-5 m	ASTM D3773 / D3773M

Accreditation Scope
Textile Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical/ Mechanical	Textiles	Standard Test Methods for Mass Per Unit Area (Weight) of Fabric 10-6000 gsm	ASTM D3776 / D3776M
		Standard Test Method for Evaluation of Visual Color Difference With a Gray Scale 1-5 Grey scale (visual)	ASTM D2616
		Camping tents — Requirements and test methods (visual)	ISO 5912 ISO 6941
		Protective clothing. Protection against flame. Method of test for limited flame spread Rang: (visual)	BS EN ISO 15025

Accreditation Scope
Textile Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical/ Mechanical	Textiles	Textiles - Tests for colour fastness. Colour fastness to rubbing	BS EN ISO 105-X12 AATCC TM8
		Test Method: Colorfastness to Crocking (Crock meter method) 1-5 Grey scale (Visual)	
		Fabric Air permeability Range : 1-10000 L/m ² /s	ISO 9237
Chemical Analysis		Standard Test Methods for Identification of Fibers in Textiles 1%-100%	ASTM D276 AATCC TM20

Accreditation Scope
Textile Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Textiles	Standard Test Methods for Quantitative Analysis of Textiles 1%-100%	ASTM D629 AATCC TM20 A
		Textiles - Determination of pH of aqueous extract +400 to -400 mV; 1 pH-14pH	BS EN ISO 3071 AATCC TM81
		Textiles - Tests for colour fastness. Colour fastness to perspiration Test Method: Colorfastness to perspiration 1-5 Grey scale (visual)	BS EN ISO 105-E04 AATCC TM15

Accreditation Scope
Textile Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Textiles	Textiles. Part 1: Determination of formaldehyde. Free and hydrolised formaldehyde (water extraction method) 16 ppm to 6000 ppm	BS EN ISO 14184 Part 1
		Test Method: Colorfastness to water 1-5 Grey scale (visual)	AATCC TM107
		Determination of extractable heavy metals by acid perspiration solution using ICP-MS	DM-DCLD-SOP-CHL-CP2014

Accreditation Scope
Textile Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Textiles	Method for determination of the effects of a small source of ignition on textile floor coverings (hot metal nut method) Range: Time 0-100 s; length 1-29 cm (Visual)	BS 4790
Physical	Woven fabric / non woven unstretshed	Tensile properties of fabrics Range: 10N to 4000N	ASTM D5035 BS EN ISO 13934-1
	All textiles other than hand wash (cold water)	Dimensional change of fabrics after washing	BS EN ISO 3759 BS EN ISO 6330
	All textiles	Fabric propensity to surface fuzzing and pilling Range: 1-5 pilling grade	ISO 12945-2

Accreditation Scope
Textile Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical	Textile and disposable non-medical face mask	Textile covering face mask manufacturing guide and testing method	DM-DCLD-SOP-CHL-CP2039
Colorfastness	All luannndrying applicable coloured textiles	Color fastness to washing (One cycle) Range: 1-5 Grey scale (visual)	BS EN ISO 105-C06
Flammability	Curtains only	Flammability of curtain and drapes Rang: (Visual)	BS 5867-2 BS EN 15025 BS EN ISO 6941

Accreditation Scope
Precious Metals Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Silver	Jewellery Determination of silver in silver jewellery alloys Volumetric (potentiometric) method using sodium chloride or potassium chloride	BS ISO 13756
	Gold	Jewellery Determination of gold in gold jewellery alloys Cupellation method (fire assay)	ISO 11426
Physical	Gold	Measurement of coating thickness of gold (Au/Ni/Ag) or (Au/Ni/CuZn) by X-ray Spectroscopy	DM-DCLD-SOP-CHL-GM1024

Accreditation Scope
Precious Metals Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 12

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical	Precious Metals (Gold, Silver, Platinum)	Analysis Method of Precious Metals (Au, Ag, Pt) by X-Ray Fluorescence Spectroscopy	DM-DCLD-SOP-CHL- GM1023

Accreditation Scope
Gemstones Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical	Diamond	Test method for Diamond Grading	DM-DCLD-SOP-CHL- GM1007
	Gems	Test Method of Gem Identification	DM-DCLD-SOP-CHL- GM1035

Accreditation Scope
Cosmetics Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Cosmetic Products Personal Care Products	pH	UAE.S GSO ISO 4316/In-House Test method
		Hydroquinone (HPLC)	DM-DCLD-SOP-CHL-CP2028
		Hydrogen Peroxide	EU Directive 82 / 434 / EEC - Annex I Clause C
		Free Caustic Alkali (Potentiometric Titration)	DM-DCLD-SOP-CHL-CP2029
		Free Formaldehyde (UV Spectrophotometer)	EU Directive 82 / 434 / EEC - Annex IV
		1,4 Dioxane (GC-MSD)	DM-DCLD-SOP-CHL-CP2001

Accreditation Scope
Cosmetics Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Cosmetic Products Personal Care Products	Metals (ICP-MS)	
		Arsenic (As)	DM-DCLD-SOP-CHL-CP-CP2057
		Cadmium (Cd)	DM-DCLD-SOP-CHL-CP-CP2057
		Chromium (Cr)	DM-DCLD-SOP-CHL-CP-CP2057
		Mercury (Hg)	DM-DCLD-SOP-CHL-CP-CP2057
		Lead (Pb)	DM-DCLD-SOP-CHL-CP-CP2057
		Antimony (Sb)	DM-DCLD-SOP-CHL-CP-CP2057
		Selenium disulfide (SeS)	DM-DCLD-SOP-CHL-CP-CP2019
		Zinc (Zn)	DM-DCLD-SOP-CHL-CP-CP2031

Accreditation Scope
Cosmetics Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Cosmetic Products Personal Care Products	Fragrance Allergens (GC-MSD)	
		Amyl Cinnamal	DM-DCLD-SOP-CHL-CP2034
		Amylcinnamyl Alcohol	
		Anisyl Alcohol	
		Benzyl Alcohol	
		Benzyl Benzoate	
		Benzyl Salicylate	
		Benzyl Cinnamate	
		Cinnamal	
		Cinnamyl Alcohol	
		Citral	
		Citronellol	
		Coumarin	
		Eugenol	

Accreditation Scope
Cosmetics Testing
LB-TEST-205

Chemical Analysis Analysis Laboratories Section

Dubai Central Laboratory Department

Dubai Municipality

Za'beel Street, Al Karamah, Dubai- United Arab Emirates

Issue no.: 10

Date: 23-01-2025

Valid to: 29-05-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Cosmetic Products Personal Care Products	Fragrance Allergens (GC-MSD)	
		Farnesol	DM-DCLD-SOP-CHL-CP2034
		Geraniol	
		Hexyl Cinnamaldehyde	
		Hydroxy Citronellal	
		Isoeugenol	
		Isomethyl Ionone	
		Lilial	
		Linalool	
		Limonene	
		Lylal	
		Methyl-2-octynoate	
		Lard (FTIR / GC-MSD)	DM-DCLD-SOP-CHL-CP2023

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Bath Shampoo/ Shower gel	pH	UAE.S GSO ISO 4316/GSO 396
	Deodorants		UAE.S GSO ISO 4316/In-House Test method
	Depilatories		UAE.S GSO ISO 4316/GSO 1196
	Hair Dye		UAE.S GSO ISO 4316/GSO 428
	Hand wash liquid soap		UAE.S GSO ISO 4316/GSO 1894
	Lipstick		UAE.S GSO ISO 4316/In-House Test method
	Natural henna		UAE.S GSO ISO 4316/In-House Test method
	Perfumery products		UAE.S GSO ISO 4316/In-House Test method

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Skin creams	pH	UAE.S GSO ISO 4316/GSO 1153
	Talcum Powder		UAE.S GSO ISO 4316/GSO 1201
	Toothpaste		UAE.S GSO ISO 4316/GSO 692
	Dental Creams/Oral Care Products	Total Fluoride (Ion Selective Electrode)	DM-DCLD-SOP-CHL-CP2030
	Hair Dye	Certain Oxidation Colorants in Hair Dyes (Phenylene diamines (PDA)) by Liquid Chromatography	DM-DCLD-SOP-CHL-CP2032
	Cosmetics Products	Identification and Determination of Raw Ambergris	DM-DCLD-SOP-CHL-CP2043
	Natural Henna	Total Ash Content	UAE.S/GSO 2155

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Natural Henna	Moisture And Volatile Matter	UAE.S/GSO 2155
	Cosmetic Products, Personal Care Products and Finger Paints	Preservatives (UPLC)	
		Benzoic Acid	DM-DCLD-SOP-CHL-CP2026
		2-Phenoxy Ethanol	
		Benzyl Paraben	
		Butyl Paraben	
		Ethyl Paraben	
		Isobutyl Paraben	
		Isopropyl Paraben	
		Methyl Paraben	
		Propyl Paraben	
		Sorbic Acid	

Accreditation Scope
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LB-TEST-205

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Perfumery Products	Water Content (KF Titration)	DM-DCLD-SOP-CHL-CP2037
		Turbidity and Visual Inspection	UAE.S GSO 1047/2001
		Bitrex (Denatonium Benzoate) (HPLC)	DM-DCLD-SOP-CHL-CP2035
		Solvents (GC-FID)	
		Methanol	DM-DCLD-SOP-CHL-CP2036
		Ethanol	
		Propan-1-ol	
		Diethyl Phthalate	
		Essential Oil & Fragrance Compounds	By Calculations