

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



## ACCREDITATION CERTIFICATE

Testing Laboratory

No. ATL 0072

**Middle East Testing Services - L.L.C**

Exhibition- Showroom No. 4., Jurf Industrial Zone 1, Ajman, UAE, PO. Box: 31442

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognised International Standard ISO/IEC 17025:2017:  
"General requirements for the competence of testing and calibration laboratories"

*A laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (refer to joint ISO-ILAC-IAF communiqué, April 2017).*

This accreditation demonstrates technical competence for a defined scope, as detailed in and at the locations specified in the scope of accreditation, the accreditation scope to this certificate is an essential accreditation document and from time to time may be revised and reissued by the GCC Accreditation Center. The most recent issue of the scope of accreditation which bears the same accreditation number as this certificate, is available from the GAC website [www.gcc-accreditation.org](http://www.gcc-accreditation.org)

The accreditation is subject to continuing conformity with GAC Accreditation requirements and the status of accreditation can be checked in the GAC's website to confirm the validity of this accreditation.

**Issue Date:**

**10 June 2021**

Internal project number: AC 0251-1  
Initial Accreditation Date: 14 March 2019

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Director General, GCC Accreditation Center.



## 10.6 Scope of Accreditation

Issue No: 02/ Issue Date: 10-06-2021  
File Manager: M.Alsowailem



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0072

### Testing Laboratory Accreditation No. ATL 0072

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<b>Middle East Testing Services LLC</b>	
<p>Address.</p> <p>Middle East Testing Services -L. L.C , Exhibition- Showroom No. 4. Jurf Industrial Zone 1, Ajman, UAE,  PO. Box: 31442</p>	<p>Contact Person: Remin K.M. Tel: +97167433141 Fax: Email: <a href="mailto:info@metslab.com">info@metslab.com</a> / <a href="mailto:operation@metslab.com">operation@metslab.com</a> Web Address: <a href="http://www.metslab.com">www.metslab.com</a></p>

#### **Locations where testing activities covered by the above Accreditation Standard are undertaken**

1- **address:** Middle East Testing Services -L. L.C ,Exhibition- Showroom No. 4.Jurf Industrial Zone 1, Ajman, UAE,PO. Box: 31442

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### **For the following scope:**

#### **Scope:**

#### **3. Performance and Approvals Testing:**

3.59 Fire test on textiles and related materials

3.59.02 Flammability

#### **7. Chemical Testing:**

7.36 Rubber

7.37 Plastics

7.46 Textiles and related products

7.47 Paper, paperboard and Pulp

7.51 Foods

7.51.02 Nuts and nut products

7.57 Cosmetics, Perfumes and Essential oils

7.57.01 Cosmetics

7.57.02 Perfumes

7.59 Detergents and related products

7.66 Waters

7.81 Constituents of the environment

7.81.33 Solid waste

7.97 Miscellaneous materials and products

7.97.11 Chemical tests

7.97.12 Physical tests



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### 8. Biological Testing

8.11 Microbiological tests on foods (including analysis of GMO)

8.19 Microbiological tests on other materials

Scope details are as follows:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Remarks
Microbiology	Food	Enumeration of Bacillus cereus by colony count technique	CCFRA 3.7.1:2007, 5 <sup>th</sup> Edition	P
		Enumeration of Clostridium perfringens by colony count technique	CCFRA 3.6.1:2007, 5 <sup>th</sup> Edition	P
		Detection of Vibrio parahaemolyticus	CCFRA 3.8.1:2007, 5 <sup>th</sup> Edition	P
		Enumeration of lactic acid bacteria: colony count technique	CCFRA 2.6.1:2003, 5 <sup>th</sup> Edition	P
		Total Aflatoxin (Enzyme-linked Immunosorbent Screening Assay)	AOAC 990.32:2016, 20 <sup>th</sup> Edition	P
		Histamine quantification	Documented In-House Method (Issue 1): METS IP- 07	P

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Microbiology	Food/swab	Enumeration of Enterobacteriaceae by colony count technique	CCFRA 2.3.1:2007, 5th Edition	P
		Enumeration of Listeria spp and listeriia monocytogens	CCFRA 3.2.1:2007, 5th Edition	P
		Detection of Salmonella by cultural method	CCFRA 3.1.2:2007, 5th Edition	P
		Enumeration of Pseudomonas aeruginosa by colony count technique	CCFRA 2.5.2:2003, 5th Edition	P
		Enumeration of Staphylococcus aureus by colony count technique	CCFRA 3.5.1:2007, 5th Edition	P
		Detection of Vibrio cholera	CCFRA 3.8.1:2007, 5th Edition	P
		Enumeration of coliforms by colony count technique	CCFRA 2.2.1:2007, 5th Edition	P
		Total viable count	CCFRA 1.1.1:2007, 5th Edition	P
		Enumeration of Escherichia coli: Alternative colony count technique	CCFRA 2.4.2:2003, 5th Edition	P
		Enumeration of yeasts and Mould	USFDA BAM Chp 18 (2001)	P

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Microbiology	Water	Total bacterial count /Heterotrophic Plate Count	APHA 9215 B, 23rd Edition	P
		Enumeration of total coliforms by membrane filtration technique	APHA 9222 B, 23rd Edition	P
		Enumeration of Fecal coliform	APHA 9221E, 23rd Edition	P
		Enumeration of Legionella	ISO 11731: 2017, 2nd Edition	P
		Enumeration of Pseudomonas aeruginosa by membrane filter technique	APHA 9213E, 23rd Edition	P
		Water quality - detection and enumeration of intestinal enterococci /Fecal Streptococci	BS EN ISO 7899-2:2000	P
		Enumeration of E. coli by membrane filtration technique	APHA 9222H, 23rd Edition	P
		Sampling: Legionella water	BS 7592:2008	
		Endotoxin	Documented In-House Method (Issue 1): METS IP - 09	P

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Microbiology	Cosmetics	Enumeration of aerobic plate count	USFDA BAM Chapter 23	P
		Enumeration of yeasts and Mould	USFDA BAM Chapter 23	P
		Enumeration of Staphylococcus aureus	USFDA BAM Chapter 23	P
		Enumeration of Yeast & Mould from cosmetic tissue paper	ISO 16212:2017	P
		Pseudomonas aeruginosa	USFDA BAM CHP 23	P
		E. coli	ISO 21150/2015	P
		Candia albicans	ISO 18416/2015	P
	Pulp, Paper and Board	Enumeration of Bacteria and Bacterial spores based on disintegration	ISO 8784-01:2014	P
	Halal-Test	Detection of Pork DNA using PCR	Documented In-House Method (Issue 1): METS IP -04	P
	Air monitoring	Total Viable count and Yeast and Mould	Documented In-House Method (Issue 1): METS IP- 08	P
	GMO	Screening of genetically modified organisms using genomic DNA from complex samples such as food and	Documented In-House Method (Issue 1): METS IP - 06	P

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Microbiology	Germicidal liquid	Germicidal Activity	GSO 1949/2009/SASO/2009	P
	Antiseptic and disinfectant, hand sanitizer, surface sanitizer	Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics	BS EN 1650 :2019	P
	Germicidal lighting	Determination of antimicrobial efficacy of ultraviolet germicidal irradiation against micro-organisms on carrier with simulated soil.	ASTM E3135-18/2018	P
	Surgical gowns/Surgical drapes/Clean air suits used as mask medical devices for patients, clinical staffs & equipment's	Determination of a population of microorganism on products (sterility test)	EN ISO 11737-1	P
	Surgical gowns/ gloves	Resistance to microbial penetration -Wet Method	ISO 22610	P
	Gloves/gowns	Sterility test	USP 71	P



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Chemistry	Flour	Estimation of Fat	AOAC 922.06, 20 <sup>th</sup> Edition	P
		Estimation of Moisture	AOAC 925.10, 20 <sup>th</sup> Edition	P
		Estimation of Ash	AOAC 923.03, 20 <sup>th</sup> Edition	P
		Estimation of Protein	AOAC 950.36, 20 <sup>th</sup> Edition	P
		Metal analysis(As, Ca, Cd, Cr, Cu, Fe, Hg, K, Mg, Mn, Na, Pb)	METS IP 103	P
	Spices	Estimation of Moisture	AOAC 986.21, 20 <sup>th</sup> Edition	P
		Estimation of Total Ash	AOAC 941.12, 20 <sup>th</sup> Edition	P
		Estimation of Acid insoluble Ash	AOAC 941.12B, 20 <sup>th</sup> Edition	P
		Estimation of Crude Fiber	AOAC 920.169, 20 <sup>th</sup> Edition	P
		Protein	AOAC 920.165	P
		Curcumin	ASTA method 18.0	P

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		<b>Non Volatile Ether Extract</b>	<b>AOAC 920.172</b>	<b>P</b>
		<b>ASTA color</b>	<b>ASTA method 20.1: Oct 2004</b>	<b>P</b>
		<b>Volatile Oil</b>	<b>AOAC 962.17</b>	<b>P</b>
	Spices	<b>Cold water soluble extract</b>	<b>Internal Procedure METS IP -124 Issue 2: Nov 2020</b>	<b>P</b>
		Metal analysis(As, Ca, Cd, Cr, Cu, Fe, Hg, K, Mg, Mn, Na, Pb)	METS IP 103	<b>P</b>
	Chilly and Chilly products	<b>Capsaicin (pungency)</b>	<b>Internal Procedure METS IP -123 Issue 1: May 2020</b>	<b>P</b>
	Black and White Pepper	<b>Piperine</b>	<b>Internal Procedure METS IP -125 Issue 1: May 2020</b>	<b>P</b>
	<b>Milk &amp; Milk Products</b>	Estimation of Acidity	AOAC 947.05, 20 <sup>th</sup> Edition	<b>P</b>
		Estimation of Total Solids	AOAC 925.23, 20 <sup>th</sup> Edition	<b>P</b>
		Estimation of Ash	AOAC 945.46, 20 <sup>th</sup> Edition	<b>P</b>
		Estimation of Protein	AOAC 991.20, 20 <sup>th</sup> Edition	<b>P</b>
		Estimation of Fat	AOAC 989.05, 20 <sup>th</sup> Edition	<b>P</b>
		Energy	METS-IP-97	<b>P</b>
		Moisture	AOAC 927.05	<b>P</b>
	Metal analysis(As, Ca, Cd, Cr, Cu, Fe, Hg, K,	METS IP 103	<b>P</b>	

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		Mg, Mn, Na, Pb)		
Chemistry	Oils & Fats	Estimation of Free Fatty Acid	AOAC 940.28, 20 <sup>th</sup> Edition	P
		Estimation of Peroxide Value	AOAC 965.33, 20 <sup>th</sup> Edition	P
		Estimation of Acid Value	AOAC 940.28, 20 <sup>th</sup> Edition	P
		Estimation of Iodine Value	AOAC 993.20, 20 <sup>th</sup> Edition	P
		Estimation of Specific Gravity	AOAC 985.19, 20 <sup>th</sup> Edition	P
		Metal analysis(As, Ca, Cd, Cr, Cu, Fe, Hg, K, Mg, Mn, Na, Pb)	METS IP 103	P
		Moisture	AOAC 984.20	P
		Unsaponified Matter	AOAC 933.08	P
		Saponification Value	AOAC 920.160	P
		Fame Analysis (C4:0, C6:0, C8:0, C10:0, C11:0, C12:0, C13:0, C14:0, C16:0, C16:1, C18:0, C18:1-Cis&trans, C18:2-Cis&trans, C20:0, C21:0, C22:0)	AOAC 996.01/AOAC996.06	P
	Animal Feed	Estimation of Ash	AOAC 942.05, 20 <sup>th</sup> Edition	P
	Estimation of Moisture	AOAC 930.15, 20 <sup>th</sup> Edition	P	
	Estimation of Fat	AOAC 920.39, 20 <sup>th</sup> Edition	P	

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		Estimation of Protein	AOAC 2001.11, 20 <sup>th</sup> Edition	P
		Chlorine	AOAC 940.01	P
		Crude Fiber	AOAC 962.29	P
	<b>Animal Feed</b>	Metal analysis(As, Ca, Cd, Cr, Cu, Fe, Hg, K, Mg, Mn, Na, Pb)	METS IP 103	P
	<b>Meat &amp; Fish Products</b>	Estimation of Fat	AOAC 991.36, 20 <sup>th</sup> Edition	P
		Estimation of Protein	AOAC 981.10, 20 <sup>th</sup> Edition	P
		Estimation of Moisture	AOAC 950.46 B, 20 <sup>th</sup> Edition	P
		Estimation of Ash	AOAC 920.153, 20 <sup>th</sup> Edition	P
	<b>Chemistry</b>	Energy	METS-IP-97	P
		Carbohydrate	Calculation/AOAC 986.25	P
Sodium Chloride		ISO 1841	P	
Dietary Fiber		AOAC 985.29	P	
Fame Analysis (Saturated fat, Mono unsaturated fat Polyunsaturated fat & Trans Fat)		AOAC 996.01/AOAC 996.06	P	
Total Sugar		AOAC 925.42	P	

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Chemistry		Metal analysis(As, Ca, Cd, Cr, Cu, Fe, Hg, K, Mg, Mn, Na, Pb)	METS IP 103	P
	Cereals and cereal products	Ash	AOAC 923.03	P
		Energy	METS-IP-97	P
		Carbohydrate	Calculation/AOAC 986.25	P
		Protein	AOAC 920.87	P
		Moisture	AOAC 930.15	P
		Fat	AOAC 920.39	P
		Metal analysis(As, Ca, Cd, Cr, Cu, Fe, Hg, K, Mg, Mn, Na, Pb)	METS IP 103	P
		Oil seed	Purity	METS-IP-128
	Oil content		AOAC 920.39	P
	FFA		AOAC 940.28	P
	Moisture		AOAC 930.15	P
	Admixture		METS-IP-25	P
	Peanut	Moisture	AOAC 925.40	P

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	<b>Meal/Groundnut kernels</b>	Oil content	AOAC 948.22	P
	<b>Peanut Meal/Groundnut kernels</b>	Foreign matter	METS-IP-129	P
		Broken seeds	METS-IP-129	P
		Count	METS-IP-129	P
	Juice and Beverages (Frozen fruit)	<b>Drained weight</b>	<b>AOAC 953.15</b>	P
	<b>Juice And Beverages</b>	Preservatives(Benzoic acid& Sorbic acid)	METS-IP-105	p
		pH	AOAC 981.12	P
		Fat	AOAC 991.36	P
		Estimation of Protein	AOAC 920.152, 20 <sup>th</sup> Edition	P
		Estimation of Ash	AOAC 940.26, 20 <sup>th</sup> Edition	P
		Estimation of Acidity	AOAC 942.15, 20 <sup>th</sup> Edition	P
		Estimation of Benzoic Acid	AOAC 963.19, 20 <sup>th</sup> Edition	P
		<b>Juice And Beverages</b>	Sugar	AOAC 925.42
		Fiber	AOAC 985.29	P



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Chemistry		Fame Analysis (Saturated fat, Mono unsaturated fat Polyunsaturated fat & Trans Fat)	AOAC 996.01	P
		Metal analysis(As, Ca, Cd, Cr, Cu, Fe, Hg, K, Mg, Mn, Na, Pb)	METS IP 103	P
		Brix	METS-IP-126	P
		Artificial sweetener (Aspartame,Acesulfame-k,Sodium saccharin)	METS-IP-127	P
	Bakery Products	Protein	AOAC 979.09	P
		Moisture	AOAC 945.38	P
		Fat	AOAC 925.12	P
		Crude Fiber	AOAC 920.169	P
	Sugar & Confectionary	Moisture	AOAC 925.49	P
		sulphated ash	AOAC 900.02	P
Total protein		AOAC 2001.11	P	
Fat		AOAC 920.177	P	
	Honey	Moisture	GSO 122:1990	P

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		Ash	GSO 122:1990	P	
		Water Insoluble Solid content	GSO 122:1990	P	
		Acidity	GSO 122:1990	P	
		Water Soluble and Water Insoluble Ash	AOAC 900.02 Method D	P	
Chemistry		Electrical conductivity	Internal Procedure MSOP -206 Issue 1: Dec 2020	P	
		Specific gravity@27°C	AOAC 985:19	P	
		Hydroxy methyl furfural	AOAC 980.23	P	
		Fructose	Internal Procedure METS IP -132 Issue 2: Nov 2020	P	
		Glucose	Internal Procedure METS IP -132 Issue 2: Nov 2020	P	
		Sucrose	Internal Procedure METS IP -132 Issue 2: Nov 2020	P	
		Dextrose	Internal Procedure METS IP -132 Issue 2: Nov 2020	P	
		Sodium Chloride/ Iodized salt	Moisture at 110°C	ISO 2483:1973	P
			Total Chloride on dry basis (as Chloride)	IS 7224:2006 Annex D	P
			Total Chloride as NaCl on dry basis	IS 7224:2006 Annex D and Stoichiometric calculation	P
			Iodine	IS 7224:2006 Annex H	P

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		Matter insoluble in water (in ppm) on dry basis	IS 7224:2006 Annex C	P
		Sulphate	IS 7224:2006 Annex G	P
		Potassium ferrocyanide	IS 7224:2006 Annex B	P
Chemistry	Food and Food products	Vitamin A	METS-IP-100	p
	Food and Food products	Vitamin C	METS-IP-104	P
	Food and Food products	Vitamin D	METS-IP-99	P
	Food and Food products	Vitamin E	METS-IP-100	P
	Food and Food products	Vitamin K	METS-IP-99	P
	Food and Food products	Vitamin B1	METS-IP-104	P
	Food and Food products	Vitamin B2	METS-IP-104	P

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	<b>Food and Food products</b>	Vitamin B9	METS-IP-104	P
	<b>Food and Food products</b>	Energy	METS-IP-97	P
		Carbohydrate	Calculation/AOAC 986.25	P
		Cholesterol	METS IP- 140	P
		Dietary fiber	METS IP- 141	P
	Food & Food Supplements	<b>Alcohol Content- Methanol Content, Ethanol Content</b>	<b>Internal Procedure METS IP - 82 Issue 1: Jan 2020</b>	P
<b>Chemistry</b>	Non alcoholic beverages	Metal analysis(As, Ca, Cd, Cr, Cu, Fe, Hg, K, Mg, Mn, Na, Pb)	METS IP 103	P
	Carbonated beverages	Artificial sweetener (Aspartame,Acesulfame-k,Sodium saccharin)	METS-IP-127	P
	Alcoholic beverages	Artificial sweetener (Aspartame,Acesulfame-k,Sodium saccharin)	METS-IP-127	P
	Food and Food products	Artificial sweetener (Aspartame,Acesulfame-k,Sodium saccharin)	METS-IP-127	P

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Chemistry	Building Material	Qualitative Determination of Asbestos by polarized light microscopy	EPA/600/R-93/116:1993	P
	Soap	Determination of Moisture and Volatile Matter of Soap	GSO ISO 672:1994	P
		Determination of Water insoluble matter of Soap	GSO 1098:2002	P
		Acid Value/Acid Number	GSO 1098/SASO 492/GSO 1095	P
		Water insoluble matter	GSO 1098/SASO 492	P
		Un saponifiable Matter	GSO 1098/SASO 492	P
		Total Fatty Matter	METS IP -77	P
		Alcohol Insoluble Matter	GSO 1098/SASO 492/GSO 1950	P
		pH	GSO ISO 4316	P
		Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-79	P
Chloride	GSO 1098/SASO 492/GSO 1950	P		

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Chemistry	Detergent	Determination of Moisture and Volatile matter of Detergents	GSO ISO 672:1994	P
		Determination of Presence of brightening agent of household Synthetic Detergent powder	GSO 152:2007	P
		Determination of Rinsing property of household Synthetic Detergent powder	GSO 152:2007	P
	Detergent	Anionic Active Matter	ASTM1681-05	P
		Chloride	GSO 1095	P
		Biodegradability	METS-IP-80	P
		Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-79	P
	Anionic Surfactant	Biodegradability	METS-IP-80	P
	Liquid Detergent	Biodegradability	METS-IP-80	P
		Alcohol Content- Methanol Content, Ethanol Content	Internal Procedure METS IP - 84 Issue 1: Feb 2020	P
		Total Active Matter	METS-IP-78	P
		pH	METS-IP-81	P
		Fluorescent Brightener- Detection	GSO 1947:2009 Clause 6.1	P
		Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-79	P



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Chemistry				
	<b>Laundry products, and disinfectant</b>	pH		GSO ISO 4316
Liquid Carpet Shampoo	<b>Fluorescent Optical Brightening agent- Detection</b>		<b>GSO 461:1994</b>	<b>P</b>
<b>Liquid Carpet Shampoo</b>	Total Active Matter		METS-IP-78	<b>P</b>
<b>Cloth Liquid Softener</b>	pH		METS-IP-81	<b>P</b>
	Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)		METS IP-76	<b>P</b>
<b>Laundry products</b>	Moisture and volatile matter		GSO 200	<b>p</b>
<b>Hand wash</b>	Determination of Chloride content of Soaps and Hand wash		GSO 1095:2002	<b>P</b>
	Biodegradability		METS-IP-80	<b>P</b>
	Alcohol Insoluble Matter		GSO 1950	<b>P</b>
	Chloride		GSO 1095/SASO 2240	<b>P</b>
	pH		METS IP-81	<b>P</b>
	Total active matter		METS-IP-78	<b>p</b>
	Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)		METS IP-76	<b>P</b>

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Chemistry	Hair Shampoo	pH	UAE.S. GSO 395:2011	P
		Determination of Total volatile content of Hair Shampoo	GSO 395:2011/ GSO ISO 672	P
		Moisture And Volatile Matter	GSO 395/SASO 725/GSO ISO 672	P
		Alcohol insoluble matter	GSO 395/SASO 725/GSO 1950	P
		Total Active Matter	METS-IP-78	P
		pH	METS-IP-81	P
	Hair Conditioner	pH	METS-IP-81	P
		Total Active Matter	METS-IP-78	P
	Shower Gel	Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-76	P
	Skin cream	Determination of Thermal stability of Skin Cream	IQS 1161:1988	P
		Determination of Total fatty matter or Lipid Mass Global Amount	IQS 1161:1988	P
		Visual Inspection	SASO 1513(GS 1153:2002)	P
		Thermal Stability	SASO 1513(GS 1153:2002)	P
		pH	METS-IP-81	P
		pH	SASO 1957:2001	P

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Chemistry	Shoe Polish	Determination of non- volatile matter of Shoe Polish	SASO 1957:2001	P
		Determination of Thermal Stability of Shoe Polish	SASO 1957:2001	P
	Deodorants and antiperspirants	Determination of Stability of Smell of Deodorant and Antiperspirant	KS 1764:2018	P
		Determination of non- volatile matter of Deodorant and Antiperspirant	KS 1764:2018	P
	Deodorant and Antiperspirant, <i>other than sticks and aerosols</i>	pH	KS 1764:2018	P
	Perfumery Product	Visual Inspection	UAE. S.GSO 1047:2001	P
		Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-76	P
	Air Freshener	Formaldehyde	Internal Procedure METS IP-85 Issue 2: May 2020	P
		Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-76	P
		Net mass of contents	GSO 660:1997	P
	Metal Aerosol Dispenser	Visual Inspection	SASO 1229(GS 918:1997)	P
	Tooth Paste	Fluoride	METS-IP-61	P
		pH	ISO 16408/ SASO 801/GSO 691	P
		Stability	SASO 801/GSO 691	P

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<b>Chemistry</b>	<b>Toilet soap for children</b>	TFM	GSO 1895/SASO 1895/GSO 1098	<b>P</b>
		Moisture	GSO 1895/SASO 1895/GSO 1098	<b>P</b>
		Water insoluble matter	GSO 1895/SASO 1895/GSO 1098	<b>P</b>
		ethanol insoluble matter	GSO 1895/SASO 1895/GSO 1098	<b>P</b>
		heavy metal content (Pb,Cd,As,Hg,Sb,Se&Cr)	GSO 1895/SASO 1895/GSO 1098	<b>P</b>
	<b>Petroleum jelly</b>	iodine value	GSO 1118/1117/SASO 1390	<b>P</b>
		volatile matter content	GSO 1118/1117/SASO 1390	<b>P</b>
		Metal Analysis (Pb.Cd.As.Hg,Se,Sb& Cr)	GSO 1118/1117/SASO 1390	<b>P</b>
		melting range	GSO 1118/1117/SASO 1390	<b>P</b>
	<b>Glycerine soap</b>	moisture and volatile matter	GSO 1944/GSO 1950	<b>P</b>
		TFM	GSO 1944/GSO 1950	<b>P</b>
		Water insoluble matter	GSO 1944/GSO 1950	<b>P</b>
		ethanol insoluble matter	GSO 1944/GSO 1950	<b>P</b>
		Free alkali content	GSO 1944/ GSO 1950	<b>P</b>
	<b>Sodium Hypochlorite</b>	Specific Gravity	ISO 758	<b>P</b>

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Chemistry	Solution	Available Chlorine	GSO 1845/SASO 1845	P
		Free Alkali	GSO 801/SASO 1053	P
		Turbidity Test	GSO 802/SASO 1053	P
		pH	METS-IP-81	P
	Cosmetics& Personal Care Products	Alcohol Content- Methanol Content, Ethanol Content	Internal Procedure METS IP – 83 Issue 1: Feb 2020	P
		1,4 Dioxane	METS IP -89	P
		Nitrosamine	METS IP-93	P
		Hydroquinone	METS-IP-102	P
		Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-76	P
		Formaldehyde	Internal Procedure METS IP-85 Issue 2: May 2020	P
	Cosmetics & personal care products	Allergens	Internal Procedure METS IP - 86 Issue 3: Jan 2021	P
		Triclosan	Internal Procedure METS IP- 91 Issue 1: Feb 2020	P
		p-Phenylene diamine (PPD)	METS IP-92	P
	Automobile Polishing Wax	Visual Inspection	SASO 2168:2013	P

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Chemistry		Density	SASO 2167:2013, SASO 2168:2013	P
		Stability	SASO 2167:2013, SASO 2168:2013	P
		Influence on Coated Film	SASO 2167:2013, SASO 2168:2013 Clause 11	P
		Influence on Plastic	SASO 2168:2013 Clause 12	P
		pH	METS-IP-81	P
	Automobile Polishing Wax, Metal Aerosol Dispenser, Gel Cleaner, Phenolic Disinfectant	Marking	Internal Procedure METS IP -96 Issue 1: March 2020	P
	Germicidal Liquid	Moisture And Volatile Matter	GSO 1949/ SASO 2619	P
		Total Solids	GSO 1949:2009	P
		Stability to Hard Water	GSO 1949:2009	P
		pH	METS-IP-81	P
		Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-76	P
	Hair Oil	Acid Value	GSO 16:1984	P
		Peroxide Value	GSO 16:1984	P
	Hair Dye- Liquid, Gel,	pH	METS-IP-81	P



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Chemistry	Cream,	Hydrogen Peroxide	GSO 427/SASO 776	P
		Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-76	P
	Lip Stick	Rancidity	GSO 1896/SASO 1871	P
		Stability Test	GSO 1896/SASO 1871	P
	Shaving Cream	Moisture And Volatile Matter	GSO 1116/SASO 1388/ISO 672	P
		Total Fatty Matter	METS IP -77	P
		Alcohol Insoluble Matter	GSO 1116/ SASO 1338/GSO 1950	p
		Water insoluble matter	GSO 1116/SASO 1388	P
		Un saponified Matter	GSO 1116/SASO 1388	P
	Body Cleaner	pH	METS-IP-81	P
		Chloride	GSO 2239/SASO 2240/GSO 1095	P
		Total Active Matter	METS-IP-78	P
	Body Lotion	Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-76	P
	Intimate Wash	Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-76	P
	Dish wash	Biodegradability	METS-IP-80	P

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Chemistry		Total Active Matter	METS-IP-78	P	
		Rinsing Property	GSO 391:1994 & GSO 152:2007 Clause 13	P	
		pH	METS-IP-81	P	
		Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-79	P	
	Mouthwash,		Alcohol Content- Methanol Content, Ethanol Content	Internal Procedure METS IP - 84 Issue 1: Feb 2020	P
			pH	METS-IP-81	P
			Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-76	P
	Gel Cleaner		pH	METS-IP-81	P
			Total Active Matter	METS-IP-78	P
	Talcum Powder	Allergens	Internal Procedure METS IP - 86 Issue 3: Jan 2021	P	
	Cosmetics	Phthalate	Internal Procedure METS IP -88 Issue 1: Feb 2020	P	
	Baby Care Products	Formaldehyde	Internal Procedure METS IP-85 Issue 2: May 2020	P	
	Baby Care Products	Metal Analysis (Pb. Cd. As. Hg, Se, Sb& Cr)	METS IP-76	P	

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Chemistry	Liquid Glass Cleaner	Flash Point	GSO 884:1997, ASTM D93-20	P
		Stability on Storage	Internal Procedure MSOP-198 Issue 1: Nov 2020	P
	Phenolic Disinfectant	Stability on Storage	GGO 875:1996	P
		pH	METS-IP-81	P
		Stability during Use	GSO 875:1997	P
	Surface Active agents (Detergents, Dishwash)	pH of aqueous solution of Surface active agents	UAE.S. GSO ISO 4316:1994	P
	Nail Polish (Nail Enamel)	Visual Inspection (Glossiness & residual stain)	GSO 1888:2009, GSO 1887:2009	P
		Non-volatile matter	GSO 1888:2009	P
		Drying time	GSO 1888:2009	P
		Blush test	GSO 1888:2009	P

Speciality tests	Non-wovens (Surgical gowns/Surgical drapes/Clean air suits used as medical devices for patients, clinical staffs & equipment)	Tensile strength -Dry	EN 29073-3: 1992	P
		Tensile strength -Wet	EN 29073-3: 1992	P
	Surgical gowns	Breaking strength and Elongation	ASTM D5034-95	P
	Clothing textiles	Flammability	16 CFR Part 1610	P

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	(Surgical gowns / mask/ medical face mask/ Protective clothing)			
	Protective Gloves	Air leak test	EN 374-2-2:2014 Clause 7.2	P
		Water leak test	EN 374-2 Clause 7.3	P
		Gloved Finger Dexterity	EN 420:2003+A1:2009 Clause 6.2	P
	Medical Gloves	Detection of hole	ASTM D 5151-99	P
	Gloves	Tensile testing	ASTM D412-16 (Test Method A Dye C), ASTM D 573-04 Reapproved 2015	P
		Dimensions	ASTM D 5250-06:2015, ASTM D 6977-04:2016, EN 420 Clause 6.1, ASTM Practice D3767-03 (Reapproved 2014)	P
		Residual powder on medical gloves	ASTM D 6124-06:2017	P
	Rubber gloves	Dimensions	ISO 25518-2009	P
		Tensile Strength	ISO 37-2017	P
		Accelerated ageing	ISO 188-2011	P
		Water tightness	ISO 25518-2009 Annex A	P
	Speciality tests	Medical face mask / protective clothing	Resistance to Penetration by Synthetic Blood	ASTM F1862-00a, ASTM F1670M-17a
Flammability			16 CFR Part 1610	P
Disposable Baby Diaper		pH	METS-IP-81	P
		Absorption rate	GSO 750:1997, GSO 1833:2007	P

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		Inspection of components(harmful effects excluded)	GSO 1833:2007, GSO 143:1991	P
Wet Wipes		Grammage	GSO 2017:2010, ISO 536:2012	P
		Tensile Strength	ASTM D685-17, ASTM D 828-16	P
Facial Tissue paper		pH	METS-IP-81	P
		pH	GSO 143:1991	P
		Grammage	ISO 536:2012, GSO 143:1991	P
Textiles		Dimensions	GSO 143:1991	P
		pH of aqueous extract	ISO 3071:2005	P
Textiles - Woven Fabrics		Mass per Unit length and Mass per Unit area	ISO 3801:2017	P
Sanitary Diaper& Pads		pH	GSO 750:1997	P
		Dimensions	GSO 750:1997	P
		Absorbency	GSO 750:1997	P
		pH	METS-IP-81	P

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Remarks
Chemistry	Water	pH by Electrometric method	APHA 4500 H+ B, 23 <sup>rd</sup> Edition	P
		Conductivity	APHA 2510 B, 23 <sup>rd</sup> Edition	P
		Total Suspended Solids dried at 103-105°C (TSS)	APHA 2540 D, 23 <sup>rd</sup> Edition	P

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Chemistry		Total Dissolved Solids <b>dried at 180°C</b> (TDS)	APHA 2540 C, 23 <sup>rd</sup> Edition	P
		Sulfide by Iodometric method	APHA 4500 S <sup>2-</sup> F, 23 <sup>rd</sup> Edition	P
		Chemical Oxygen Demand (COD) by Open reflux method	APHA 5220 B, 23 <sup>rd</sup> Edition	P
		Biochemical Oxygen Demand (BOD) (5-day BOD test)	APHA 5210 B, 23 <sup>rd</sup> Edition	P
		Oil & Grease by liquid-liquid Partition-Gravimetric Method	APHA 5520 B, 23 <sup>rd</sup> Edition	P
		Sulfate by Gravimetric method with Ignition of Residue	APHA 4500 SO <sub>4</sub> <sup>2-</sup> C, 23 <sup>rd</sup> Edition	P
		Free Oil by Volumetric method	In house protocol – MIP-03 Issue 2: Nov 2020	P
		Ammonia Nitrogen by titration method	APHA 4500 NH <sub>3</sub> C, 23 <sup>rd</sup> Edition	P
		Chloride by Argentometric Method	APHA 4500 Cl <sup>-</sup> B, 23 <sup>rd</sup> Edition	P
	Water	Calcium by EDTA Titrimetric Method	APHA 3500 Ca B, 23 <sup>rd</sup> Edition	P
		Magnesium <b>by Calculation</b>	APHA 3500 Mg B, 23 <sup>rd</sup> Edition	P
		Hardness by EDTA Titrimetric Method	APHA 2340 C, 23 <sup>rd</sup> Edition	P
		Alkalinity by Titration method	APHA 2320 B, 23 <sup>rd</sup> Edition	P
		<b>Reactive Phosphorus (Orthophosphate) - Ascorbic Acid Method</b>	HACH 8048:2014, 9 <sup>th</sup> Edition	P
		<b>Silica -Silicomolybdate Method (using Spectrophotometer)</b>	HACH 8185:2014 <b>Method 1(100mg/L), 9<sup>th</sup> Edition</b>	P



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		Nitrite - Ferrous Sulfate Method (using Spectrophotometer)	HACH 8153:2014, 9 <sup>th</sup> Edition	P
		Nitrate-Cadmium Reduction Method	HACH 8039:2014, 9 <sup>th</sup> Edition	P
		Free Chlorine -USEPA DPD Method	HACH 8021:2014, 9 <sup>th</sup> Edition	P
	Sludge	pH	USEPA 9045D:2004	P
		Total Solids	APHA 2540 G, 23 <sup>rd</sup> Edition	P
		Moisture Content	APHA 2540 G, 23 <sup>rd</sup> Edition	P
		Volatile Solids	APHA 2540 G, 23 <sup>rd</sup> Edition	P
		Fixed Solids	APHA 2540 G, 23 <sup>rd</sup> Edition	P
		Oil & Grease by extraction method	APHA 5520 E, 23 <sup>rd</sup> Edition	P
	Liquid wastes	Flash Point by Pensky-Marten's closed cup Tester	ASTM D 8175:18	P

**Note:** the text in blue indicates the new scope OR update in the Edition of a test method in this issue of the scope of accreditation.

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**GAC**

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### Log of Suspended Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Suspended	Date Reinstated

### Log of Withdrawn Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Withdrawn

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