

10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 15th September 2021
File Manager: Atta Subhan



ACCREDITED
TESTING
ISO/IEC 17025:2017
No. ATL 0113

Testing Laboratory Accreditation No. ATL 0113

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

The National Detergent Co s.a.o.g (The NDC Laboratories)

<p>Address. Madayn Industrial City, Sohar, Phase II, Road Number 5, Sohar, Oman</p>	<p>Contact Person: Najeeb Muhammed Tel: 00968 91752031 Fax:00968 24492145 Email: Najeeb.nm@ndcoman.com Web Address: ndcoman@omantel.net.om</p>
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Locations where testing activities covered by the above Accreditation Standard are undertaken

- 1- **Powdered Detergents lab**, Madayn Industrial City, Sohar, Phase II, Sohar, Oman
- 2- **Liquid Detergents lab**, Madayn Industrial City, Sohar, Phase 5, Sohar, Oman

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For the following scope:

Scope:

7. Chemical Testing:

7.59 Detergents and related products

Scope details are as follows:

Version: 3.6

Date: 24th July 2019

Approved by: Brahim Houla

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Location #1 – Powdered Detergents lab, Madayn Industrial City, Sohar, Phase II, Sohar, Oman

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Remarks
Chemical	Detergent powder	Surface active agents - Detergents - Determination of anionic active matter by manual or mechanical direct two-phase titration	ISO 2271: 1989	
Physical	Raw materials and finished goods	Moisture content by Moisture balance	RADWAG Moisture Analyser MA 110.R User Manual	
Chemical	Detergent powder	Determination of total phosphorus(V) oxide content — Quinoline phosphomolybdate gravimetric method	ISO 4313:1976	
Chemical	Detergent powder	Determination of total silica content	IS 14212:1995 (1999)	
Chemical	Detergent powder	Standard Test Method for Active Oxygen in Bleaching Compounds	ASTM D2180 - 17	
Chemical	Detergents	pH of Aqueous Solutions of Soaps and Detergents	ASTM D1172 - 15	
Chemical	Detergents	Determination of brightening agent.	GSO 152	

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Chemical	Detergents	Determination of Sodium carbonate.	GSO 152:2007	
Chemical	Detergents	Determination of soap content.	GSO 152:2007	
Chemical	Toilet soap	Total Fatty Matter	ISO 685: 2020	
Chemical	Toilet soap	Chlorides	ASTM D 460 - 91 :2014	
Chemical	Toilet soap	Free Caustic Alkali	ASTM D 460 - 91 :2014	
Chemical	Toilet soap	Unsaponifiable Matter	ASTM D 460 - 91 :2014	
Chemical	Toilet soap	Rosin Acids	ASTM D 460 - 91 :2014	
Chemical	Toilet soap	Free Fatty Acids	ASTM D 460 - 91 :2014	
Chemical	Toilet soap	Matter insoluble in water	ASTM D 460 - 91 :2014	
Chemical	Toilet soap	Acid Number	ASTM D 460 - 91 :2014	
Chemical	Toilet soap	Moisture & Involatile	ASTM D 460 - 91 :2014	
Chemical	Toilet soap	total matter insoluble in alcohol	ASTM D 460 - 91 :2014	
Physical	Detergent powder	Visual or Virtual Inspection	ISO 11037:2011	
Physical	Manual dish washing	Visual or Virtual Inspection	ISO 11037:2011	
Physical	Liquid detergent	Visual or Virtual Inspection	ISO 11037:2011	
Physical	Hand Washing Liquid	Visual or Virtual Inspection	ISO 11037:2011	

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Physical	Shampoo – Hair	Visual or Virtual Inspection	ISO 11037:2011	
Physical	Window Cleaner	Visual or Virtual Inspection	ISO 11037:2011	
Physical	Clothes softeners for fabrics	Visual or Virtual Inspection	ISO 11037:2011	
Physical	Toilet Soap	Visual or Virtual Inspection	ISO 11037:2011	
Physical	Disinfectants	Visual or Virtual Inspection	ISO 11037:2011	
Physical	Detergent powder	Odour	ISO 1039:2017	
Physical	Manual dish washing	Odour	ISO 1039:2017	
Physical	Liquid detergent	Odour	ISO 1039:2017	
Physical	Hand Washing Liquid	Odour	ISO 1039:2017	
Physical	Shampoo – Hair	Odour	ISO 1039:2017	
Physical	Window Cleaner	Odour	ISO 1039:2017	
Physical	Clothes softeners for fabrics	Odour	ISO 1039:2017	
Physical	Toilet Soap	Odour	ISO 1039:2017	
Physical	Disinfectants	Odour	ISO 1039:2017	

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Location#2 – Liquid Detergents lab, Madayn Industrial City, Sohar, Phase 5, Sohar, Oman

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Remarks
Chemical	Manual dish washing	Surface active agents - Detergents - Determination of anionic active matter by manual or mechanical direct two-phase titration	ISO 2271: 1989	
Chemical	Liquid detergent	Surface active agents - Detergents - Determination of anionic active matter by manual or mechanical direct two-phase titration	ISO 2271: 1989	
Chemical	Hand Washing Liquid	Surface active agents - Detergents - Determination of anionic active matter by manual or mechanical direct two-phase titration	ISO 2271: 1989	
Chemical	Shampoo – Hair	Surface active agents - Detergents - Determination of anionic active matter by manual or mechanical direct two-phase titration	ISO 2271: 1989	

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Chemical	Formulation containing cationic surfactants	Surface active agents — Detergents — Cationic-active matter — Determination of hydrolysable and non-hydrolysable anionic-active matter	ISO 2869: 1973	
Chemical	Liquid detergent	Determination of total phosphorus(V) oxide content — Quinoline phosphomolybdate gravimetric method	ISO 4313:1976	
Chemical	Liquid detergent	Determination of total silica content	IS 14212:1995 (1999)	
Chemical	Raw materials and finished goods	Determination of non-volatile matters	GSO 883 : 2012	
Chemical	Detergents	Determination of pH	GSO 152	
Physical	Detergents	Determination of rinsing properties.	GSO 152	
Chemical	Detergents	Surface active agents — Detergents — Determination of cationic-active matter content — Part 1: High-molecular-mass cationic-active matter	ISO 2871-1:2010	
Chemical	Detergents	Surface active agents — Detergents — Determination of cationic-active matter content — Part 2: Cationic-active matter of low molecular mass (between 200 and 500)	ISO 2871-2:2010	

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Physical	Raw materials and finished goods	Determination of viscosity	In house Method (NDC/QMS/TM/03)	
Physical	Raw materials and finished goods	Density and Relative Density (Specific Gravity) of Liquids by Bingham Pycnometer	ISO 758	
Chemical	Detergents	Test for corrosion or discoloration	GSO 883 : 2012	
Chemical	Detergents	Determination of Free Alkali as NaOH% by mass	GSO 801 :2010	
Chemical	Detergents	Determination of Available Chlorine (as Sodium Hypochlorite)	ASTM D 2022-89	
Chemical	Detergents, Liquid hand wash	Determination of Chloride content	GSO 1095 : 2002	
Chemical		Determination of Total Solids	GSO 1949 2009	
Chemical	Detergents	Stability to hard water test	GSO 1949 2009	
Chemical	Detergents	Stability to low temperature test	GSO 1949 2009	
Chemical	Shampoo and similar products	Determination of non-volatile alcohol soluble matter	GSO 395: 2010	
Chemical	Shampoo and similar product	Volatile matter	GSO 672	

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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Log of Suspended Scopes: N/A

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Log of Withdrawn Scopes: N/A

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

END

This conformity assessment body (CAB) is recorded as issuing GAC accredited reports to organizations in the countries listed below. This list is current at the time of issue of this schedule.

United Arab Emirates	Bahrain	Saudi Arabia	Oman	Qatar	Kuwait	Yemen
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