

## **UGANDA NATIONAL BUREAU OF STANDARDS**

## CERTIFICATE OF LABORATORY RECOGNITION

Certificate No: UNBS/LRS/0040

This certificate is valid as per the scope stated in the accompanying schedule of recognition, Annex "A" which is an integral part of the present certificate bearing the above recognition number for

## CHEMICAL AND MICROBIAL ANALYSIS OF WATER AND COSMETICS

In accordance with the recognised International Standard ISO/IEC 17025:2017

Being supplied to

## MOVIT PRODUCTS LIMITED

Plot 4454 & 4455 Zana- Bunamwaya P. O. Box 27109, Kampala Uganda.

The recognition demonstrates technical competence and the operation of a laboratory quality management system to perform the tests as described in the Annex. While this certificate remains valid, the recognised laboratory above is authorised to use the relevant UNBS recognition number to issue facility reports and /or certificates.

Recognition Decision Date: 2024-06-07 Date of original issue: 2024-06-07

Certificate Issue No: 01

Effective Date: 2024-06-07 Expiry date: 2027-06-06

Certificate Issue date: 2024-06-07

Management Signatory
UGANDA NATIONAL BUREAU OF STANDARDS



ANNEX A SCHEDULE OF RECOGNITION – TESTING LABORATORIES

S/N	Technical Signatories	6 Method
	Atwiine Roselyne	Microbial analysis of water and cosmeting products, US EAS 338:2022 EAS 842-22017, ISO 9308-1:2012, ISO 16266:2006 ISO 6888-1, ISO 6222:1999, ISO 7889 2:2003, ISO 21567:2004, ISO 6785:2001 ISO 4832:2006, ISO 18416:2015, ISO 22717:2015, ISO 22718:2015, ISO 21149:2017, ISO 16212: 2022, ISO 9308-1:2014, ISO 6222:1999
		Microbial analysis of waste water using Standard methods for the examination of water and waste water (2017) 23rd Edition APHA-AWWA-WPCF.
	Shallon Natukunda	Microbial analysis of water and cosmetic products, US EAS 338:2022 EAS 842-2-2017, ISO 9308-1:2012, ISO 16266:2006, ISO 6888-1, ISO 6222:1999, ISO 7889-2:2003, ISO 21567:2004, ISO 6785:2001, ISO 4832:2006, ISO 18416:2015, ISO 22717:2015, ISO 22718:2015, ISO 21149:2017, ISO 16212: 2022, ISO 9308-1:2014, ISO 6222:1999
		Microbial analysis of waste water using Standard methods for the examination of water and waste water (2017) 23rd Edition APHA-AWWA-WPCF
	Nankunda Bridget	Microbial analysis of water and cosmetic products, US EAS 338:2022 EAS 842-2-2017, ISO 9308-1:2012, ISO 16266:2006, ISO 6888-1, ISO 6222:1999, ISO 7889-2:2003, ISO 21567:2004, ISO 6785:2001, ISO 4832:2006, ISO 18416:2015, ISO 22717:2015, ISO 22718:2015, ISO 21149:2017, ISO 16212: 2022, ISO 9308-1:2014, ISO 6222:1999
		Microbial analysis of waste water using Standard methods for the examination of water and waste water (2017) 23rd Edition APHA-AWWA-WPCF
	Shafura Namycu	pH analysis as per US EAS 847-17: 2017, Total Fatty content as per US EAS 786, Total alkaline Content, Free Alkaline Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic Acid, Sulphur & Sulphide as per US
-	estina	Gridiata Namyca

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			insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition
		Bushra Saleh	pH analysis as per US EAS 847-17: 2017,
	5		Total alkaline Content, Free Alkaline Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic Acid, Sulphur & Sulphide as per US 191:2021, Lather volume, matter insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition
	6	Nebuchadnezzar Namaziima	pH analysis as per US EAS 847-17: 2017, Total Fatty content as per US EAS 786, Total alkaline Content, Free Alkaline Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic
CERTA	RS/F07 Annex A – Schedule of Recognition – Test	ing Laboratories	Acid, Sulphur & Sulphide as per US

		insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash
		content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water
		as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather
		volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017
		Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition
	Veronica Nayiga	pH analysis as per US EAS 847-17: 2017,
		Total Fatty content as per US EAS 786, Total alkaline Content, Free Alkaline
		Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic
		Acid, Sulphur & Sulphide as per US 191:2021, Lather volume, matter insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022,
		Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS
		789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of
		non-volatile matter as per US EAS 341: 2013, Determination of
		content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS
		847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017
		Waste water analysis using APHA(1995) Standard methods for examination and
		waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition
7	Kisuki Samuel	
	Mount Salliuel	pH analysis as per US EAS 847-17: 2017, Total Fatty content as per US EAS 786, Total alkaline Content, Free Alkaline
8		Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic
CERT/LRS/F07 Annex A - Schedule of Recognition - Te	-IiII	J 2. gamo

		Ssonko George William	Acid, Sulphur & Sulphide as per US 191:2021, Lather volume, matter insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition
	9	Ssonko George William  Were Henry	Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition  pH analysis as per US EAS 847-17: 2017, Total Fatty content as per US EAS 786, Total alkaline Content, Free Alkaline Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic Acid, Sulphur & Sulphide as per US 191:2021, Lather volume, matter insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition  pH analysis as per US EAS 847-17: 2017, Total Fatty content as per US EAS 786.
	10		Total alkaline Content, Free Alkaline Content, Thioglycollic Acid content as per
CERT/LRS/F07 Annex A - Schedule of Recogni	tion Tos	ting Laborataria	, some role content as per

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			US ESA 338:2022, Melting Point Organic Acid, Sulphur & Sulphide as per US 191:2021, Lather volume, matter insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and
		·	waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition
	11	Ronald Tumwizere	pH analysis as per US EAS 847-17: 2017, Total Fatty content as per US EAS 786, Total alkaline Content, Free Alkaline Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic Acid, Sulphur & Sulphide as per US 191:2021, Lather volume, matter insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition
		Joanita Azibazu	pH analysis as per US EAS 847-17: 2017, Total Fatty content as per US EAS 786,
CERTA RS/F07 Annay A Schodula of Record	12		Total alkaline Content, Free Alkaline

US_ESA_338.2022, Melting Point Organic Acid, Sulphur & Sulphide as per US_ESA_512.2023, US_ESA_5842-2.2022, Moisture content, Specific gravity, Ash content as per US_ESA_5812.2022, Moisture content, Specific gravity, Ash content as per US_ESA_5812.2022, Matter insoluble in Boiling water as US_ESA_5812.2022, Matter insoluble in Boiling water as US_ESA_5812.2022, Matter insoluble in Boiling water as US_ESA_5812.2022, Matter insoluble matter as per US_ESA_5812.2022, Matter insoluble matter as per US_ESA_5814.2013, Determination of non-volatile matter as per US_ESA_5812.2022, Matter insoluble matter as per US_ESA_5812.2023, US_ESA_5814.2013, Determination of lather volume (foaming power) as per US_ESA_5814.2013, Determination of specific gravity as per US_ESA_5814.72.2017, Determination of specific gravity as per US_ESA_5814.72.2017, Determination of waster water 15th edition, and Standard methods for examination and waster water 15th edition, and Standard method for examination of water and waster water, 19th edition.  Kalungi Gideon  PH analysis as per US_ESA_5847-17: 2017, Total Fatty content as per US_ESA_5861.2022, Moisture content, Specific gravity, Ash content as per US_ESA_5812.2023, US_ESA_5842-2:2022, Moisture content, Specific gravity, Ash content as per US_ESA_5861.2020, Alcohol Content as per US_ESA_5861.2017, Determination of content of ethanol-insoluble matter as per US_ESA_5812.2017, Determination of lather volume (foaming power) as per US_ESA_587-2017, Determination of content of ethanol-insoluble matter as per US_ESA_587-2017. Determination of Water and waste water 15th edition, and Standard methods for examination and waste water 15th edition, and Standard waster water 15th edition,				
Total Fatty content as per US EAS 786, Total alkaline Content, Free Alkaline Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic Acid, Sulphur & Sulphide as per US 191:2021, Lather volume, matter insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition  Kasozi Baateza Shafik  PH analysis as per US EAS 847-17: 2017, Total Fatty content as per US EAS 786,				Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and
Total Fatty content as per US EAS 786,		13	Kalungi Gideon	Total Fatty content as per US EAS 786, Total alkaline Content, Free Alkaline Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic Acid, Sulphur & Sulphide as per US 191:2021, Lather volume, matter insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and
Total Fatty content as per US EAS 700,		14	Kasozi Baateza Shafik	
CERT/LRS/F07 Annex A - Schedule of Recognition - Testing Laboratories	00074 D0.0074			

	John Segawa	Total alkaline Content, Free Alkaline Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic Acid, Sulphur & Sulphide as per US 191:2021, Lather volume, matter insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition  pH analysis as per US EAS 847-17: 2017, Total Fatty content as per US EAS 786, Total alkaline Content, Free Alkaline
15 16	Nigel Oundo	Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic Acid, Sulphur & Sulphide as per US 191:2021, Lather volume, matter insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of non-volatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per ISO 673:1981, Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition

		Total Fatty content as per US EAS 786, Total alkaline Content, Free Alkaline Content, Thioglycollic Acid content as per US ESA 338:2022, Melting Point Organic Acid, Sulphur & Sulphide as per US 191:2021, Lather volume, matter insoluble alcohol as Per US EAS 812:2023, US EAS 842-2:2022, Moisture content, Specific gravity, Ash content as per US EAS 961:2020, Alcohol Content as per US EAS 789:2022, Matter insoluble in Boiling water as US EAS 425-1:2017, Determination of nonvolatile matter as per US EAS 341: 2013, Determination of content of ethanol-insoluble matter as per US EAS 341: Determination of lather volume (foaming power) as per US EAS 847-20: 2017, Determination of specific gravity as per US EAS 847-7: 2017  Waste water analysis using APHA(1995) Standard methods for examination and waste water 15th edition, and Standard method for examination of Water and waste water, 19th edition
Material or products tested	Type of tests/property measured, Range of	Standard specifications, Techniques/Equipment used
	Measurement	
	TESTI	NG FIELD – MICROBIOLOGY AND CHEMISTRY

Potable Water	Conductivity	Conductivity meter	US EAS 12: 2014- Potable water
	рН	pH Meter	US EAS 12: 2014-Potable water
	Suspended solids	Chemical analysis	US EAS 12: 2014-Potable water
	Total dissolved solids	Chemical analysis	US EAS 12: 2014-Potable water
	Escherichia coli	microbial Analysis	ISO 9308-1:2014 Water quality — Enumeration of
			Escherichia coli and coliform bacteria Part 1:
			Membrane filtration method for waters with low
			bacterial background flora
	Pseudomonas aeruginosa	microbial Analysis	ISO 16266 Water quality — Detection and enumeration of Pseudomonas aeruginosa — Method by membrane filtration
	Staphylococcus aureus	microbial Analysis	ISO 6888-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of
			coagulase-positive staphylococci (Staphylococcus aureus and other species

	Total Viable	migrapial Analysis	100 0000 W 4
	count	microbial Analysis	ISO 6222 Water quality — Enumeration of culturable
	Journ		micro-organisms — Colony count by inoculation in a
	Streptococcus	microbial Analysis	nutrient agar culture medium
	faecalis	microbial Arialysis	ISO 7889-2- Water quality — Detection and
	Shigella	microbial Analysis	enumeration of intestinal enterococci
	Orligona	microbial Analysis	ISO 21567:2019 Microbiology of food and animal
	Colmonalla	<u> </u>	feeding stuffs — Horizontal method for the detection of Shigella spp.
	Salmonella	microbial Analysis	ISO 19250- Water quality — Detection of Salmonella spp
	Total Coliforms	microbial Analysis	ISO 4832-Microbiology of food and animal feeding stuffs — Horizontal method for the detection and
Wastewater	0 1 5 5		enumeration of coliforms — Colony-count technique
wasiewater	Conductivity	Conductivity meter	Standard method for examination of Water and waste water, 19th edition
	рН	pH Meter	Standard method for examination of Water and waste water, 19th edition
	Total dissolved	Chemical analysis	Standard method for examination of Water and
	substances		waste water, 19th edition
	Temperature	Thermometer	Standard method for examination of Water and
			waste water, 19th edition
	Suspended	Oven	Standard method for examination of Water and
	Solids		waste water, 19th edition
	Biochemical	Titration	APHA(1995) Standard methods for examination and
	Oxygen Demand		waste water 15th edition
	Chemical oxygen	Titration	Standard methods for the examination of water and
	Demand		waste water 19th edition 1995
	Total Coliforms	Microbial analysis	Standard methods for the examination of water and waste water (2017) 23rd Edition APHA-AWWA-WPCF.
	Total Alkalinity	Titration	Standard method for examination of Water and waste water, 19th edition
Body Oils	Acid Value	Titration	US EAS 847-4:2017-Cosmetics — Analytical
			methods — Part 4: Determination of acid value and free fatty acids
	Rancidity	Chemical analysis	US EAS 847-13:2017 Cosmetics — Analytical
	,	Official diffusion	mothods — Port 12: Determine tion of annihila
	Moisture Content	Moisture analyzer	methods — Part 13: Determination of rancidity.  US EAS 847-2: 2017: Cosmetics — Analytical
	The late of the la	Wolstare analyzer	methods — Part 2: Determination of moisture
	Peroxide Value	Titration	content and volatile matter content
	. storido taldo	Titation	ISO 3960:2017-Animal and vegetable fats and oils
			— Determination of peroxide value — lodometric
	0 '' 0 ''	Donoity materi	(visual) endpoint determination
	L Specific Gravity		
	Specific Gravity	Density meter/	US EAS 847-7: 2017-Cosmetics — Analytical
		Pycnometer	methods — Part 7: Determination of specific gravity
	Candida albicans		
		Pycnometer	methods — Part 7: Determination of specific gravity ISO 18416: 2017- Cosmetics: Detection of Candida albicans ISO 21150: 2022-Cosmetics- Detection of
	Candida albicans Escherichia coli	Pycnometer microbial Analysis microbial Analysis	methods — Part 7: Determination of specific gravity ISO 18416: 2017- Cosmetics: Detection of Candida albicans ISO 21150: 2022-Cosmetics- Detection of Escherichia Coli.
	Candida albicans Escherichia coli Pseudomonas	Pycnometer microbial Analysis	methods — Part 7: Determination of specific gravity ISO 18416: 2017- Cosmetics: Detection of Candida albicans ISO 21150: 2022-Cosmetics- Detection of Escherichia Coli. ISO 22717: 2017 Cosmetics- Detection of
	Candida albicans Escherichia coli	Pycnometer microbial Analysis microbial Analysis	methods — Part 7: Determination of specific gravity ISO 18416: 2017- Cosmetics: Detection of Candida albicans ISO 21150: 2022-Cosmetics- Detection of Escherichia Coli.

	Total Viable count	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and detection of aerobic mesophilic bacteria.
Hair lotion,	pH	pH meter	US EAS 847-17: 2017-Cosmetics — Analytical
Creams, Gels	Pir	primeter	methods — Part 17: Determination of Ph
and			methods — Part 17. Determination of Ph
Conditioners	Rancidity	Chemical analysis	US EAS 847-13:2017 Cosmetics — Analytical
	,	analysis	methods — Part 13: Determination of rancidity.
	Thermal stability	Oven	US EAS 847-18 2017-Cosmetics — Analytical
			methods — Part 18: Determination of thermal
			stability
	Candida albicans	microbial Analysis	ISO 18416: 2017- Cosmetics: Detection of Candida
	Surviva dibiodilio	morobial Analysis	albicans
	Escherichia coli	microbial Analysis	ISO 21150: 2022-
	2001101101110 COII	microbial Allalysis	
	Pseudomonas	microbial Analysis	Cosmetics- Detection of Escherichia Coli.
	aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
			pseudomonas aureginosa
	Staphylococcus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of
	aureus	<u> </u>	staphylococcus aureus.
	Total Viable	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and
	count		detection of aerobic mesophilic bacteria.
	Yeasts and	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology-
	moulds		Enumeration of yeast and and mold
Body lotion,	pΗ	pH meter	US EAS 847-17: 2017-Cosmetics — Analytical
Creams and			methods — Part 17: Determination of Ph
Gels	Rancidity	Chemical analysis	US EAS 847-13:2017 Cosmetics — Analytical
			methods — Part 13: Determination of rancidity.
	Thermal stability	Oven	US EAS 847-18 2017-Cosmetics — Analytical
	1		methods — Part 18: Determination of thermal
			stability
	Candida albicans	microbial Analysis	ISO 18416: 2017- Cosmetics: Detection of Candida
			albicans
	Escherichia coli	microbial Analysis	ISO 21150: 2022-
		inioropiai / inaryoro	Cosmetics- Detection of Escherichia Coli.
	Pseudomonas	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	aeruginosa	morobiai Analysis	
	Staphylococcus	microbial Analysis	pseudomonas aureginosa
	aureus	I IIICIODIAI AITAIYSIS	ISO 22718: 2017- Cosmetics- Detection of
	Total Viable	miorobiol Analysis	staphylococcus aureus
		microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and
	Count		detection of aerobic mesophilic bacteria.
	Yeasts and	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology-
01	moulds		Enumeration of yeast and and mold
ye Chemical	pН	pH meter	US EAS 847-17: 2017-Cosmetics — Analytical
lair Relaxers			methods — Part 17: Determination of Ph
	Free Alkali	Titration	US EAS 338:2022 Annex A -Determination of free
	Content		alkali content
	Escherichia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of
		-	Escherichia Coli.
	Pseudomonas	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	aeruginosa		pseudomonas aureginosa
	Staphylococcus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of
	aureus		staphylococcus aureus
	uurcus		
	Total Viable	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and

	Yeasts and	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology-
	moulds		Enumeration of yeast and and mold
Thioglycolate	pН	pH meter	US EAS 847-17: 2017-Cosmetics — Analytical
based hair straighteners			methods — Part 17: Determination of Ph
	Thioglycolate Content	Titration	US EAS 338:2022, Annex C-Determination of thioglycollic acid
	Escherichia coli	microbial Analysis	
	Locriciona con	Illiciobial Allalysis	ISO 21150: 2022-
	Pseudomonas	- in-abial A - d - i	Cosmetics- Detection of Escherichia Coli.
		microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	aeruginosa	<del>                                     </del>	pseudomonas aureginosa
	Staphylococcus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of
	aureus		staphylococcus aureus
	Total Viable	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and
	count		detection of aerobic mesophilic bacteria.
	Yeasts and	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology-
	moulds	1	Enumeration of yeast and and mold
Petroleum	Melting Point	Melting Point apparatus	US EAS 126:2022-Annex A-Determination of meltir
Jelly		J 3 apparatas	point
•	Specific Gravity	Pycnometer	US EAS 847-7: 2017-Cosmetics — Analytical
	- promo orani	Johnston	mothods Port 7: Potermination of an arise are it
	Sulphated Ash	Muffle Furnace	methods — Part 7: Determination of specific gravity
	Odipilated Asii	Munie Funiace	US EAS 847-15: 2017-Cosmetics — Analytical
	Organia Asida	Titanti	methods — Part 15: Determination of ash content
	Organic Acids	Titration	US EAS 126:2022-Annex C-Determination of
	0.1.1		organic acids
	Sulphur and	Chemical analysis	US EAS 847-22: 2017: Cosmetics — Analytical
	Sulphides		methods — Part 22: Determination of sulphur and
			sulphides in oils
Pomades	Melting Point	Melting Point apparatus	US EAS 342:2022-Annex A-Determination of meltin point
	Specific Gravity	Pycnometer	US EAS 847-7: 2017-Cosmetics — Analytical
			methods — Part 7: Determination of specific gravity
	Sulphated Ash	Muffle Furnace	US EAS 847-15: 2017: Cosmetics — Analytical
			methods — Part 15: Determination of ash content
	Sulphur and	Chemical analysis	US EAS 847-22: 2017-Cosmetics — Analytical
	Sulphides	Onerfilear arrarysis	
	Calpinacs		methods — Part 22: Determination of sulphur and
	Escherichia coli	minunkini A - I - i	sulphides in oils
	Eschenchia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of
	Describ		Escherichia Coli.
	Pseudomonas	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	aeruginosa		pseudomonas aureginosa
	Staphylococcus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of
	aureus	*	staphylococcus aureus
	Total Viable	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and
	count		detection of aerobic mesophilic bacteria.
	Yeasts and	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology-
	moulds	, , , , , , , , , , , , , , , , , , , ,	Enumeration of yeast and and mold
	Escherichia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of
	22	morodia / marysis	
hampoo	pH	pH Meter	Escherichia Coli.
	Pr. I	pri weter	US EAS 847-17: 2017-Cosmetics — Analytical
	Lathoryeliana	Chaminal and i	methods — Part 17: Determination of Ph
	Lather volume	Chemical analysis	US EAS 847-20: 2017- Cosmetics — Analytical
			methods — Part 20: Determination of lather volume
i			(foaming power)

	Matter insoluble	Titration	ISO 673: Soaps - Determination of content of
	in ethanol		ethanol-insoluble matter
	Escherichia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of
			Escherichia Coli.
	Pseudomonas	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	aeruginosa		pseudomonas aureginosa
	Staphylococcus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of
	aureus		staphylococcus aureus
	Total Viable	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and
	count		detection of aerobic mesophilic bacteria.
	Yeasts and	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology-
	moulds		Enumeration of yeast and and mold
Oil based Hair	Peroxide value	Titration	ISO 3960:2017-Animal and vegetable fats and oils
spray			<ul> <li>Determination of peroxide value — lodometric</li> </ul>
			(visual) endpoint determination
	Acid Value	Titration	US EAS 847-4:2017-Cosmetics — Analytical
			methods — Part 4: Determination of acid value and
			free fatty acids
	Escherichia coli	microbial Analysis	ISO 21150: 2022-
			Cosmetics- Detection of Escherichia Coli.
	Pseudomonas	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	aeruginosa		pseudomonas aureginosa
	Staphylococcus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of
	aureus		staphylococcus aureus
	Total Viable	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and
	count		detection of aerobic mesophilic bacteria.
	Yeasts and	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology-
	moulds		Enumeration of yeast and and mold
Hair Oils	Acid Value	Titration	EAS 847-4:2017-Cosmetics — Analytical methods
			<ul> <li>Part 4: Determination of acid value and free fatty</li> </ul>
	Donaidit	01	acids
	Rancidity	Chemical analysis	US EAS 847-13:2017 Cosmetics — Analytical
	Majatana O. J. J.		methods — Part 13: Determination of rancidity.
	Moisture Content	Moisture analyzer	US EAS 847-2: 2017: Cosmetics — Analytical
		9	methods — Part 2: Determination of moisture
	Dorovida Value	T'	content and volatile matter content
	Peroxide Value	Titration	ISO 3960:2017-Animal and vegetable fats and oils
			— Determination of peroxide value — lodometric
	Charifia Cravity	Dit	(visual) endpoint determination
	Specific Gravity	Density meter/	US EAS 847-7: 2017-Cosmetics — Analytical
	Candida albicans	Pycnometer	methods — Part 7: Determination of specific gravity
	Canulua albicans	microbial Analysis	ISO 18416: 2017- Cosmetics: Detection of Candida
	Escherichia coli	microbial Analysis	albicans
	Lacriciidid COII	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of
	Pseudomonas	microbial Analysis	Escherichia Coli.
	aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	Staphylococcus	microbial Analysis	pseudomonas aureginosa
	aureus	microbiai Analysis	ISO 22718: 2017- Cosmetics- Detection of
	Total Viable	microbial Applyaia	staphylococcus aureus
	count	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and
alc Powder	pH	Chamical analysis	detection of aerobic mesophilic bacteria.
onder	Pit	Chemical analysis	US EAS 847-17: 2017-Cosmetics — Analytical
			methods — Part 17: Determination of Ph

	Moisture	Chemical analysis	US EAS 847-2: 2017: Cosmetics — Analytical
	&Volatile matter	Onomical analysis	methods — Part 2: Determination of moisture
			content and volatile matter content
	Matter insoluble	Chemical analysis	US EAS 847-24: 2017: Cosmetics — Analytical
	in boiling water	onormour arranyors	methods — Part 24: Determination of
	and a sum of matter		matter insoluble in boiling water
	Candida albicans	microbial Analysis	ISO 18416: 2017- Cosmetics: Detection of Candida
			albicans
	Escherichia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of Escherichia Coli.
	Pseudomonas	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	aeruginosa		pseudomonas aureginosa
	Staphylococcus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of
	aureus		staphylococcus aureus
	Total Viable	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and
	count		detection of aerobic mesophilic bacteria.
	Candida albicans	microbial Analysis	ISO 18416: 2017- Cosmetics: Detection of Candida
			albicans
Soap	Freedom from	Chemical analysis	US EAS 186-1: 2020: Annex G- Determination of
	grittiness		grittiness in bathing bar
	Total alkalinity	Titration	ISO 685-1975: Analysis of soaps — Determination
	(NaOH)		of total alkali content and total fatty matter content
	Lather	Chemical analysis	US EAS 186-1: 2020: Annex E- Test for lather
			volume of bathing bar.
	Total Fatty	Titration	ISO 685-1975: Analysis of soaps — Determination
	Matter		of total alkali content and total fatty matter content
Antibacterial Soap	Freedom from grittiness	Chemical analysis	US EAS 186-1: 2020
	Total alkalinity (NaOH)	Titration	US EAS 186-1: 2020
	Lather	Chemical anlysis	US EAS 186-1: 2020: Annex E-
			Test for lather volume of bathing bar
	Total Fatty	Titration	ISO 685-1975 : Analysis of soaps — Determination
	Matter		of total alkali content and
			total fatty matter content
	Antibacterial	Microbial Analysis	EAS 794 :2022- Determination of the microbial
	activity		inhibition of cosmetic soap bars
			and liquid hand and body washes — Test method
Hair dye	pН	pH Meter	US EAS 847-17: 2017-Cosmetics — Analytical
			methods — Part 17: Determination of Ph
Body Scrub	рН	pH Meter	US EAS 847-17: 2017-Cosmetics — Analytical
			methods — Part 17: Determination of Ph
	Candida albicans	microbial Analysis	ISO 18416: 2017- Cosmetics: Detection of Candida albicans
	Escherichia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of
		morobial 7 maryolo	Escherichia Coli.
	Pseudomonas	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	aeruginosa		pseudomonas aureginosa
	Staphylococcus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of
	aureus	morobial Allalysis	staphylococcus aureus
	Total Viable	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and
	count	oroolar maryolo	detection of aerobic mesophilic bacteria.
Glycerin	1		_ actobility of delibble incoophilite bacteria.
Glycerin	Moisture Content	Oven	US EAS 847-2: 2017: Cosmetics — Analytical

			content and volatile matter content
	Specific activity	Density meter/	US EAS 847-7: 2017-Cosmetics — Analytical
	0 " " " " "	Pycnometer	methods — Part 7: Determination of specific gravity
	Candida albicans	microbial Analysis	ISO 18416: 2017- Cosmetics: Detection of Candida
	Escherichia coli	minushial Assetsia	albicans
	Lachenchia con	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of Escherichia Coli.
	Pseudomonas	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	aeruginosa		pseudomonas aureginosa
	Staphylococcus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of
	aureus		staphylococcus aureus
	Total Viable	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and
	count		detection of aerobic mesophilic bacteria.
Body Wash	pН	pH Meter	US EAS 847-17: 2017-Cosmetics — Analytical
and shower		2	methods — Part 17: Determination of Ph
Gels	Lather volume	Chemical analysis	US EAS 847-20: 2017: Cosmetics — Analytical
			methods — Part 20: Determination of lather volume
			(foaming power)
	Matter insoluble	Titration	ISO 673:1981 Soaps - Determination of content of
	in ethanol		ethanol-insoluble matter
	Escherichia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of
			Escherichia Coli.
	Pseudomonas	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	aeruginosa		pseudomonas aureginosa
	Staphylococcus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of
	aureus		staphylococcus aureus
	Total Viable	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and
	count		detection of aerobic mesophilic bacteria.
	Yeasts and	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology-
Water based	moulds	-1186-6	Enumeration of yeast and mold
Hair spray	pН	pH Meter	US EAS 847-17: 2017-Cosmetics — Analytical
Tidit Spray	Escherichia coli		methods — Part 17: Determination of Ph
	Escherichia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of
	Pseudomonas	miorabial Al -i-	Escherichia Coli.
	aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of
	Staphylococcus	microbial Analysis	pseudomonas aureginosa
	aureus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of
	Total Viable	microbial Analysis	staphylococcus aureus
	count	microbial Arialysis	ISO 21149: 2019- Cosmetics- Enumeration and
Nail Polish	Non-volatile	Oven	detection of aerobic mesophilic bacteria.
Remover	matter	Oven	US EAS 341: 2013- Annex B: Determination of non-
	Tinattoi		volatile matter

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