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

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Management Signatory
UGANDA NATIONAL BUREAU OF STANDARDS

ANNEX A

SCHEDULE OF RECOGNITION – TESTING LABORATORIES

Facility Number	UNBS/LRS/0040	S/N	Technical Signatories	Method
Movit Products Limited Plot 4454 & 4455 Zana – Bunamwaya, Off Entebbe Road, Kampala Uganda		1	Atwiine Roselyne	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.
		2	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
		3	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
		4	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 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
	5	Bushra Saleh	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
	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 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	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
	8	Kisuki Samuel	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
	9	Ssonko George William	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
	10	Were Henry	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
	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
	12	Joanita Azibazu	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
	13	Kalungi Gideon	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
	14	Kasozi Baateza Shafik	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
	15	John Segawa	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
	16	Nigel Oundo	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
Material or products tested	**Type of tests/property measured, Range of Measurement**	**Standard specifications, Techniques/Equipment used**	
TESTING FIELD – MICROBIOLOGY AND CHEMISTRY			
Potable Water	Conductivity	Conductivity meter	US EAS 12: 2014- Potable water
	pH	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 count	microbial Analysis	ISO 6222 Water quality — Enumeration of culturable micro-organisms — Colony count by inoculation in a nutrient agar culture medium
	Streptococcus faecalis	microbial Analysis	ISO 7889-2- Water quality — Detection and enumeration of intestinal enterococci
	Shigella	microbial Analysis	ISO 21567:2019 Microbiology of food and animal 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 enumeration of coliforms — Colony-count technique
Wastewater	Conductivity	Conductivity meter	Standard method for examination of Water and waste water, 19th edition
	pH	pH Meter	Standard method for examination of Water and waste water, 19th edition
	Total dissolved substances	Chemical analysis	Standard method for examination of Water and waste water, 19th edition
	Temperature	Thermometer	Standard method for examination of Water and waste water, 19th edition
	Suspended Solids	Oven	Standard method for examination of Water and waste water, 19th edition
	Biochemical Oxygen Demand	Titration	APHA(1995) Standard methods for examination and waste water 15th edition
	Chemical oxygen Demand	Titration	Standard methods for the examination of water and 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 methods — Part 13: Determination of rancidity.
	Moisture Content	Moisture analyzer	US EAS 847-2: 2017: Cosmetics — Analytical methods — Part 2: Determination of moisture content and volatile matter content
	Peroxide Value	Titration	ISO 3960:2017-Animal and vegetable fats and oils — Determination of peroxide value — Iodometric (visual) endpoint determination
	Specific Gravity	Density meter/ Pycnometer	US EAS 847-7: 2017-Cosmetics — Analytical methods — Part 7: Determination of specific gravity
	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 aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of pseudomonas aureginosa
	Staphylococcus aureus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of staphylococcus aureus.

	Total Viable count	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and detection of aerobic mesophilic bacteria.
Hair lotion, Creams, Gels and Conditioners	pH	pH meter	US EAS 847-17: 2017-Cosmetics — Analytical methods — Part 17: Determination of Ph
	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 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- Cosmetics- Detection of Escherichia Coli.
	Pseudomonas aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of pseudomonas aureginosa
	Staphylococcus aureus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of staphylococcus aureus.
	Total Viable count	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and detection of aerobic mesophilic bacteria.
	Yeasts and moulds	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology- Enumeration of yeast and and mold
Body lotion, Creams and Gels	pH	pH meter	US EAS 847-17: 2017-Cosmetics — Analytical methods — Part 17: Determination of Ph
	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 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- Cosmetics- Detection of Escherichia Coli.
	Pseudomonas aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of pseudomonas aureginosa
	Staphylococcus aureus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of staphylococcus aureus
	Total Viable count	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and detection of aerobic mesophilic bacteria.
	Yeasts and moulds	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology- Enumeration of yeast and and mold
Lye Chemical Hair Relaxers	pH	pH meter	US EAS 847-17: 2017-Cosmetics — Analytical methods — Part 17: Determination of Ph
	Free Alkali Content	Titration	US EAS 338:2022 Annex A -Determination of free alkali content
	Escherichia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of Escherichia Coli.
	Pseudomonas aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of pseudomonas aureginosa
	Staphylococcus aureus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of staphylococcus aureus
	Total Viable count	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and detection of aerobic mesophilic bacteria.

	Yeasts and moulds	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology- Enumeration of yeast and and mold
Thioglycolate based hair straighteners	pH	pH meter	US EAS 847-17: 2017-Cosmetics — Analytical methods — Part 17: Determination of Ph
	Thioglycolate Content	Titration	US EAS 338:2022, Annex C-Determination of thioglycollic acid
	Escherichia coli	microbial Analysis	ISO 21150: 2022- Cosmetics- Detection of Escherichia Coli.
	Pseudomonas aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of pseudomonas aureginosa
	Staphylococcus aureus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of staphylococcus aureus
	Total Viable count	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and detection of aerobic mesophilic bacteria.
	Yeasts and moulds	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology- Enumeration of yeast and and mold
Petroleum Jelly	Melting Point	Melting Point apparatus	US EAS 126:2022-Annex A-Determination of melting 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
	Organic Acids	Titration	US EAS 126:2022-Annex C-Determination of organic acids
	Sulphur and Sulphides	Chemical analysis	US EAS 847-22: 2017: Cosmetics — Analytical methods — Part 22: Determination of sulphur and sulphides in oils
Pomades	Melting Point	Melting Point apparatus	US EAS 342:2022-Annex A-Determination of melting 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 Sulphides	Chemical analysis	US EAS 847-22: 2017-Cosmetics — Analytical methods — Part 22: Determination of sulphur and sulphides in oils
	Escherichia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of Escherichia Coli.
	Pseudomonas aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of pseudomonas aureginosa
	Staphylococcus aureus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of staphylococcus aureus
	Total Viable count	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and detection of aerobic mesophilic bacteria.
	Yeasts and moulds	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology- Enumeration of yeast and and mold
	Escherichia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of Escherichia Coli.
Shampoo	pH	pH Meter	US EAS 847-17: 2017-Cosmetics — Analytical methods — Part 17: Determination of Ph
	Lather volume	Chemical analysis	US EAS 847-20: 2017- Cosmetics — Analytical methods — Part 20: Determination of lather volume (foaming power)

	Matter insoluble in ethanol	Titration	ISO 673: Soaps - Determination of content of ethanol-insoluble matter
	Escherichia coli	microbial Analysis	ISO 21150: 2022-Cosmetics- Detection of Escherichia Coli.
	Pseudomonas aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of pseudomonas aureginosa
	Staphylococcus aureus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of staphylococcus aureus
	Total Viable count	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and detection of aerobic mesophilic bacteria.
	Yeasts and moulds	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology-Enumeration of yeast and and mold
Oil based Hair spray	Peroxide value	Titration	ISO 3960:2017-Animal and vegetable fats and oils — Determination of peroxide value — Iodometric (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 aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of pseudomonas aureginosa
	Staphylococcus aureus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of staphylococcus aureus
	Total Viable count	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and detection of aerobic mesophilic bacteria.
	Yeasts and moulds	microbial Analysis	ISO 16212: 2022: Cosmetics- Microbiology-Enumeration of yeast and and mold
Hair Oils	Acid Value	Titration	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 methods — Part 13: Determination of rancidity.
	Moisture Content	Moisture analyzer	US EAS 847-2: 2017: Cosmetics — Analytical methods — Part 2: Determination of moisture content and volatile matter content
	Peroxide Value	Titration	ISO 3960:2017-Animal and vegetable fats and oils — Determination of peroxide value — Iodometric (visual) endpoint determination
	Specific Gravity	Density meter/ Pycnometer	US EAS 847-7: 2017-Cosmetics — Analytical methods — Part 7: Determination of specific gravity
	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 aeruginosa	microbial Analysis	ISO 22717: 2017 Cosmetics- Detection of pseudomonas aureginosa
	Staphylococcus aureus	microbial Analysis	ISO 22718: 2017- Cosmetics- Detection of staphylococcus aureus
	Total Viable count	microbial Analysis	ISO 21149: 2019- Cosmetics- Enumeration and detection of aerobic mesophilic bacteria.
Talc Powder	pH	Chemical analysis	US EAS 847-17: 2017-Cosmetics — Analytical methods — Part 17: Determination of Ph

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

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

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