



CERTIFICATE OF ACCREDITATION

This is to certify that

SGS (MAURITIUS) LTD
TESTING LABORATORIES

Testing Laboratory No. T044

is accredited by the ***Mauritius Accreditation Service (MAURITAS)***
for the following Testing fields:

CHEMICAL
BIOLOGICAL
TEXTILES & GARMENTS TESTING

as per scope of schedule of accreditation

THIS LABORATORY MEETS THE REQUIREMENTS OF ISO/IEC 17025:2017

This accreditation demonstrates technical competency for a defined scope and the operation of a laboratory quality management system and shall remain in force subject to continuing compliance with MAURITAS accreditation criteria, ISO/IEC 17025:2017 and any further requirements specified by MAURITAS

Issue Date: 05 September 2025

Director of MAURITAS

This certificate is valid only when accompanied by its schedule of Accreditation.



Schedule of Accreditation
Laboratory No. T044
(accredited to ISO/IEC 17025:2017)

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Issue No: 03

Expiry Date: 04 September 2029

	<i>Items, Materials or products tested</i>	<i>Types of tests/Properties Measured Range of Measurement</i>	<i>Specification/Standard methods or techniques used</i>
I.	Chemical		
A.	<i>Environmental</i> Water & Wastewater	1. Alkalinity as CaCO ₃ to pH 4.5 2. Alkalinity as CaCO ₃ to pH 8.3 3. Ammonium 4. Ammonia 5. Anionic Surfactants 6. Appearance	APHA 2320 B 24 th Ed APHA 2320 B 24 th Ed NFT 90-015-2: 2000 APHA 4500-NH ₃ -H 24 th Ed APHA 4500-NH ₃ -H 24 th Ed APHA 5540 C 24 th Ed APHA 2110 24 th Ed

	7. Biochemical Oxygen Demand	ISO 5815-1: 2019 (E) ISO 5815-2: 2003 (E)
	8. Chloride	APHA 4500-Cl-B 24 th Ed APHA 4500-Cl-E 24 th Ed
	9. Chromium VI	NFT 90-043: 1988
	10. Chlorine, Free	In-house method SOP-ENV-040:2024
	11. Chemical Oxygen Demand	APHA 5220 C 24 th Ed
	12. Conductivity	APHA 2510 B-Electrometry 24 th Ed
	13. Cyanuric acid	In-house method SOP-ENV-037:2024
	14. Cyanide	In-house method SOP-ENV-094:2025
	15. Determination of Pesticides (Aldrine, Dieldrine, 4,4-DDT, Lindane, Hexachlorobenzene, Heptachlor, Heptachlor epoxide, Methoxychlor) by GC/MS	In-house method SOP-ENV-101:2024
	16. Determination of the Methylene Blue Active Substances (MBAS) Index Using Continuous Flow Analysis (CFA) Method	ISO 16265: 2009
	17. Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP- OES): Aluminium, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Tin, Vanadium, Zinc	ISO 11885: 2007
	18. Dissolved Oxygen	In-house method WI-ENV-028: 2026
	19. Examination and Determination of Colour	ISO 7887: 2011

	20. Fixed & volatile solids at 550°C	APHA 2540 E 24 th Ed
	21. Fluoride	APHA 4500-F-D 24 th Ed (Gallery Discrete Analyzer)
	22. Hardness as CaCO ₃ , Calcium	APHA 3500-Ca B 24 th Ed
	23. Hardness as CaCO ₃ , Magnesium	By Calculation / SOP-ENV-099: 2024
	24. Hardness as CaCO ₃ , Total	APHA 2340 C 24 th Ed
	25. Hardness by Calculation	APHA 2340 B 24 th Ed
	26. Hexavalent Chromium	US EPA 7196A: 1992
	27. Metals by Flame Atomic Absorption Spectrometry: Cadmium, Chromium Total, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Silver, Sodium, Zinc	APHA 3111 B 24 th Ed
	28. Metals by Flame Atomic Absorption Spectrometry: Aluminium, Calcium	APHA 3111 D 24 th Ed
	29. Metals by Cold-Vapor Atomic Absorption Spectrometry: Mercury	In-house method SOP-ENV-098: 2024
	30. Nitrate	ISO 7890-3: 1988
	31. Nitrogen, Nitrate Nitrate as NO ₃ -	APHA 4500-NO ₃ -H 24 th Ed
	32. Nitrite	IS EN 26777: 1993 ISO 6777: 1984
	33. Nitrogen, Nitrite Nitrite as NO ₂ -	APHA 4500-NO ₂ -B 24 th Ed
	34. Nitrogen, Ammonia	APHA 4500-NH ₃ B / C 24 th Ed
	35. Nitrogen, Total	In-house method SOP-ENV-103:2026
	36. Nitrogen, Total Kjeldahl Nitrogen	IS EN 25663: 1994 ISO 5663: 1984

	37. Oil & Grease	APHA 5520 B 24 th Ed
	38. Orthophosphate as P	ISO 6878: 2004 – Section 4
	39. pH value	APHA 4500-H+ / B-Electrometry 24 th Ed
	40. Phenol	In-house method SOP-ENV-093:2025
	41. Phosphate (Reactive P)	APHA 4500-P-E 24 th Ed
	42. Phosphorus as P, Total	ISO 6878: 2004 – Section 8
	43. Saturation Index	In-house method SOP-ENV-068:2025
	44. Silica	US EPA 370.1: 1978
	45. Silica as SiO ₂	NF T 90-007: 2001
	46. Sludge Volume Index (SVI)	APHA 2710 D 24 th Ed
	47. Solids, Settleable	APHA 2540 F 24 th Ed
	48. Solids, Total (TS) at 103-105°C	APHA 2540 B 24 th Ed
	49. Solids, Total Dissolved (TDS) at 180°C	APHA 2540 C 24 th Ed
	50. Solids, Total Dissolved	In-house method SOP-ENV-070: 2024
	51. Solids, Total Suspended (TSS) at 103-105°C	EN 872: 2005 APHA 2540 D 24 th Ed
	52. Solids, Mixed Liquor Suspended Solids (MLSS)	By calculation / In-house method SOP-ENV-100: 2025
	53. Stability Index	In-house method SOP-ENV-067:2025
	54. Sulfide	In-house method SOP-ENV-095:2025
	55. Sulphate	OMA-AOAC 973.57 22 nd Ed. APHA 4500-SO ₄ -E 24 th Ed.
	56. Temperature	In-house method SOP-ENV-096:2024
	57. Total Chlorine	In house method SOP-ENV-040:2024
	58. Total Phosphorous (TP)	APHA 4500 P B / E 24 th Ed
	59. Turbidity	APHA 2130 B 24 th Ed

B.	Sludge/ Soil/ Sediments	1. Determination of selected elements by Flame Atomic Absorption Spectrophotometry: Cadmium, Chromium, Cobalt, Copper, Iron, Manganese, Nickel, Silver, Zinc	EPA 7000B:2007 APHA 3111B 24 th Ed EPA 3051A:2007
		2. Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP-OES): Antimony, Arsenic, Barium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Nickel, Selenium, Silver, Vanadium, Zinc	ISO 11885: 2007
		3. Solid and Waste pH	EPA 9045 D:2004
C.	<i>Food</i> Feeds	1. Ash Content	OMA-AOAC 942.05 (2023) 22 nd Ed.
		2. Mercury	In-house method SOP-FOO-45
		3. Moisture & Total Solids	OMA-AOAC 930.15 (2023) 22 nd Ed.
		4. Total Crude Oils & Fats in Feeds	Directive EC 152/2009
D.	Flour	1. Ash	OMA-AOAC 923.03 (2023) 22 nd Ed.
		2. Total Solids & Moisture	OMA-AOAC 925.10 (2023) 22 nd Ed.
E.	Seafood (Fish & Fishery Products)	1. Ash	OMA-AOAC 938.08 (2023) 22 nd Ed.
		2. Fat	OMA-AOAC 948.15 (2023) 22 nd Ed.
		3. Heavy Metals (Lead, Cadmium, Mercury)	In-house method SOP-FOO-45
		4. Salt Content	OMA-AOAC 937.09 (2023) 22 nd Ed.
		5. Total Solids & Moisture	OMA-AOAC 952.08 (2023) 22 nd Ed.
		6. Total Volatile Base Nitrogen	Commission Regulation (EC) 2074/2005 (Annex II – Section II - Chapter III) (2005)

F.	Meat & Meat Products / Flour / Feeds / Seafood (Fish & Fishery Products)	1. Nitrogen determination according to Kjeldahl	In-house method SOP-FOO-53 (2025)
		2. Protein determination according to Kjeldahl	In-house method SOP-FOO-53 (2025)
G	Oils & Fats	1. Fatty Acid Profile in Food (Saturated, Monounsaturated, Polyunsaturated Fatty Acid, Omega 3, Omega 6, Omega 9, Trans-fatty Acid and Total Fat)	In-house method SOP-FOO-123 (2025)
		2. Free Fatty acids	AOCS Official Method Ca 5a-40-Reapproved 2024
		3. Insoluble Impurities	AOCS Official Method Ca 3a-46 Revised 2024
		4. Iodine Value	OMA-AOAC 993.20 (2023) 22 nd Ed.
		5. Peroxide Value	OMA-AOAC 965.33 (2023) 22 nd Ed.
		6. Saponification No.	OMA-AOAC 965.33 (2023) 22 nd Ed.
H	Sugar & Sugar by-products	1. Determination of Colour in Solution at pH 7 (IU) in white sugar	ICUMSA Method GS 2-10 (2024)
		2. Determination of Colour in Solution at pH 7 (IU) in brown sugar	ICUMSA Method GS 9-8 (2011)
		3. Determination of Insoluble Matter by Membrane Filtration	ICUMSA Method GS2-19 (2007)
		4. Determination of Moisture	ICUMSA Method GS2-15 (2007)
		5. Determination of Reducing Sugars in Purified Sugar by the Knight and Allen EDTA Method	ICUMSA GS2-5 (2011)
		6. Determination of Sulphite in Refined sugar products	ICUMSA Method GS 2-33 (2022)
		7. Determination of Turbidity of white sugar solutions	ICUMSA Method GS2-18 (2013)
		8. Heavy Metals (Lead, Cadmium, Mercury, Copper)	In-house method SOP-FOO-45

<i>Oil, Gas & Chemicals</i>			
I.	Gasoil	1. Appearance 2. Ash 3. Cetane Index 4. Cloud Point 5. Color ASTM 6. Corrosion, Copper Strip 7. Density at 15°C 8. Distillation 9. Electrical Conductivity 10. Flashpoint, PMCC 11. Free Water & Particulate Contamination 12. Hydrogen Sulphide 13. Kinematic Viscosity at 37.8°C, 40°C	In-house method SOP-OGC-28 Rev 1 (2025) ISO 6245: 2001 ASTM D482-19 IP 4/05 (2012) ASTM D976-22a (By Calculation) ISO 4264: 2018 (By Calculation) ISO 3015: 2019 ASTM D2500-23 IP 219/20 ISO 2049: 1996 ASTM D1500-24 IP 196/97 (2021) ISO 2160: 1998 ASTM D130-19 IP 154/2000 (2018) ISO 12185: 2024 ASTM D4052-22 ISO 3405: 2019 ASTM D86-23ae2 IP 123/19 ISO 6297: 1997 ASTM D 2624-22 IP 274/21 ISO 2719: 2016/ Amd 1:2021 ASTM D93-20 IP 34/21 (2021) ASTM D4176 –22 IP 570/15 (2021) ISO 3104: 2023 ASTM D445-24 IP 71 Sec 1/2020

J.	Fuel Oil	14. Microcarbon Residue	ISO 10370: 2014 ASTM D4530-15(2020)
		15. Odour	In-house method SOP-OGC-25 Rev 2 (2025)
		16. Oxidation Stability	ISO 12205: 1995 ASTM D2274-14(2019)
		17. Pour Point	ISO 3016: 2019 ASTM D97-17b (Re2022)
		18. Sulphur by UV	ASTM D5453 – 24 ISO 20846:2019
		19. Sulphur by X-ray	ISO 8754: 2003 ASTM D4294-24
		20. Total Acid Number	ISO 6619: 1988 ASTM D664-24
		21. Water by Distillation	ISO 3733: 1999 ASTM D95-23e1
		22. Water by Coulometric Karl Fisher Titration	ASTM D6304-20
		1. Ash	ISO 6245: 2001 ASTM D482-19 IP 4/05 (2012)
		2. Asphaltenes	IP 143/04 (2021)
		3. CCAI (Ignition Quality)	ISO 8217: 2024 (By Calculation)
		4. Cleanliness and Compatibility of Residual Fuels by Spot Test	ASTM D4740-24
		5. Density at 15°C	ISO 12185: 2024 ASTM D4052-22
		6. Elements: Aluminum, Calcium, Iron, Nickel, Silicon, Sodium, Vanadium and Zinc by AAS	IP 470/05
		7. Elements: Aluminium, Calcium, Iron, Nickel, Phosphorus, Silicon, Sodium, Vanadium and Zinc by ICP	IP 501/19

K	Jet A1	8. Flashpoint, PMCC	ISO 2719: 2016/ Amd 1:2021 ASTM D93-20 IP 34/21 (2021)
		9. Hydrogen Sulphide	IP 570/15 (2021)
		10. Kinematic Viscosity at 50°C, 100°C	ISO 3104: 2023 ASTM D445-24 IP 71 Sec 1/2020
		11. Microcarbon Residue	ISO 10370: 2014 ASTM D4530-15(2020)
		12. Net & Gross Heat of Combustion	ASTM D4868-17 (By Calculation) ISO 8217: 2024 (By Calculation)
		13. Pour Point	ISO 3016: 2019 ASTM D97-17b (Re2022)
		14. Sulphur by X-ray	ISO 8754: 2003 ASTM D4294-24
		15. Total Acid Number	ISO 6619: 1988 ASTM D664-24
		16. Total Sediment, Existent Total Sediment, Potential/ Accelerated	ISO 10307-1: 2009(E) ISO 10307-2:2009 ASTM D4870-2
		17. Viscosity Index	ISO 2909: 2002 (By Calculation) ASTM D2270-24 (By Calculation) IP 226/04 (2023) (By Calculation)
		18. Water by Distillation	ISO 3733: 1999 ASTM D95-23e1
		1. Appearance	In-house method SOP-OGC-28 Rev 1 (2025)
		2. Color ASTM	ISO 2049: 1996 ASTM D1500-24 IP 196/97 (2021)
		3. Color Saybolt	ASTM D156-23
		4. Corrosion, Copper Strip	ISO 2160: 1998 ASTM D130-19 IP 154/2000 (2018)

	5. Density at 15°C	ISO 12185: 2024 ASTM D4052-22
	6. Distillation	ISO 3405: 2019 ASTM D86-23ae2 IP 123/19
	7. Electrical Conductivity	ISO 6297: 1997 ASTM D 2624-22 IP 274/21
	8. Existent Gum	ISO 6246:2017/ Amd 1: 2019 ASTM D381-22 IP 131/21 IP 540/08 (2019)
	9. FAME Content (C16:0, C17:0, C18:0, C18:1, C18:2 and C18:2) by GCMS	IP 585/21
	10. Flash Point	IP 170/23
	11. Fluorescent Indicator Adsorption (FIA)	ISO 3837:1993/ Amd 1: 2021 ASTM D 1319-20a IP 156/22
	12. Free Water & Particulate Contamination	ASTM D4176 –22
	13. Freezing Point	ASTM D2386-19 IP 16/25
	14. Kinematic Viscosity at -20°C	ISO 3104: 2023 ASTM D445-24 IP 71 Sec 1/2020
	15. Mercaptan Sulphur	ISO 3012: 1999 ASTM D3227-24 IP 342/2000 (2014)
	16. Naphthalenes	ASTM D1840-24
	17. Net Specific Energy	ASTM D 3338/D3338M: 2020a (By Calculation)
	18. Odour	In-house method SOP-OGC-25 Rev 2 (2025)
	19. Smoke Point	ISO 3014: 1993 ASTM D1322-24

L.	Mogas	20. Sulphur by X-ray	ISO 8754: 2003 ASTM D4294-24
		21. Thermal Stability (JFTOT)	ASTM D3241-2025 (a) IP 323/2024
		22. Total Acidity	ASTM D3242-23 IP 354/17 (2022)
		23. Water Separation Characteristics (MSEP-A)	ASTM D7224-23
		1. Appearance	In-house method SOP-OGC-28 Rev 1 (2025)
		2. Corrosion, Copper Strip	ISO 2160: 1998 ASTM D130-19 IP 154/2000 (2018)
		3. Density at 15°C	ISO 12185: 2024 ASTM D4052-22
		4. Distillation	ISO 3405: 2019 ASTM D86-23ae2 IP 123/19
		5. Fluorescent Indicator Adsorption (FIA)	ISO 3837:1993/ Amd 1: 2021 ASTM D 1319-20a IP 156/22
		6. Free Water & Particulate Contamination	ASTM D4176 –22
		7. Gum Content in Mogas by Jet Evaporation	ASTM D381-22 ISO 6246:2017/AMD 1:2019
		8. Lead content	ASTM D3237-22
		9. Manganese content	IS EN 16135:2011
		10. Oxidation Stability	ASTM D 525 – 12a (2019)
		11. Sulphur by X-ray	ISO 8754: 2003 ASTM D4294-24

M.	Ethanol	1. Acidity as Acetic	ASTM D1613-17(2023)
		2. Contaminants in Ethanol by UV Scan	In-house method UV-SGS-CORP-13.001 (2013) In-house method SOP-OGC-24 Rev 3 (2025)
		3. Density at 15°C & 20°C	ASTM D4052-22
		4. Density by Portable Digital Density Meter	ASTM D7777 - 24
		5. Determination of Volatile Impurities in Ethyl Alcohol (Ethanol) by GC	In-house method GC SGS ETOH 0001-14 (2014)
		6. Non-Volatile matter	ASTM D1353-13(2021)
		7. Odour	In-house method SOP-OGC-25 Rev 2 (2025)
		8. Permanganate Time	ASTM D1363-25
		9. Purity of Ethanol by Interpolation Int. Alcoholometric Table (OIML)	ASTM D4052-22
N .	Lubricating Oil	1. Base Number by Potentiometric Perchloric Acid Titration	In-house method SOP-OGC-10 Rev 5 (2025)
		2. Density at 15°C	ISO 12185: 2024 ASTM D4052-22
		3. Kinematic Viscosity	In-house method SOP-OGC-20 Rev 3 (2025)
		4. Total Acid Number	ISO 6619: 1988 ASTM D664-24
		5. Water by Coulometric Karl Fisher Titration	In-house method SOP-OGC-16 Rev 6 (2025)

II.	Biological		
A.	Water & Wastewater	1. Coagulase positive staphylococci 2. <i>Clostridium perfringens</i> (including spores) 3. Coliform bacteria 4. Coliform group 5. <i>Escherichia coli</i> 6. Enumeration of Culturable Micro-organisms – Colony Count at 22 ± 2°C 7. Enumeration of Culturable Micro-organisms – Colony Count at 36 ± 2°C 8. Enumeration of <i>Clostridium perfringens</i> Using Membrane Filtration method 9. Fecal coliform 10. Helminth Eggs 11. Intestinal enterococci 12. <i>Legionella</i> 13. <i>Pseudomonas aeruginosa</i> 14. <i>Salmonella</i> spp.	In-house method SOP-ENV-102 (2025) Council Directive 2020/2184 ISO 9308-1: 2014/ Amd.1: 2016 APHA 9221B 24th Ed. ISO 9308-1: 2014/ Amd.1: 2016 ISO 6222: 1999 ISO 6222: 1999 ISO 14189: 2013 APHA 9221 E 24th Ed. APHA 9222 D 24th Ed. In-house method SOP-ENV-31 (2025) [WHO Modified Bailenger Method] ISO 7899-2: 2000 ISO 11731: 2017 ISO 16266: 2006 ISO 19250: 2010
B.	Food	1. β-glucuronidase Positive <i>Escherichia coli</i> 2. Coagulase positive staphylococci 3. Coliforms 4. <i>Clostridium perfringens</i>	ISO/TS 16649-3: 2015 ISO 6888-1: 2021/ Amd 1:2023 ISO 4832: 2006 ISO 4831: 2006 ISO 15213-1: 2023

	5. Detection and Quantification of <i>Campylobacter</i> spp. (Simplate Method, Biocontrol)	In-house method SOP-FOO-086 (2025)
	6. Detection and Enumeration of Coagulase Positive staphylococci –Part 3: Detection and MPN Technique for Low Numbers	ISO 6888-3: 2003
	7. Detection of <i>Escherichia coli</i> O157: H7	In-house method SOP-FOO-087 (2025) [FDA BAM Online, 2011, Chapter 4A]
	8. Detection of <i>Enterobacter sakazakii</i>	In-house method SOP-FOO-089 (2025) [ISO/TS 22964 IDF/RM 210: 2006]
	9. Detection and Enumeration of <i>Listeria monocytogenes</i> – Part 1: Detection Method – Part 2: Enumeration Method	ISO 11290-1: 2017 ISO 11290-2: 2017
	10. Detection of Shiga-Toxin Producing <i>Escherichia coli</i> (STEC)	In-house method SOP-FOO-088 (2025) [FDA BAM Online, 2011, Chapter 4A]
	11. Detection of Potentially Enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>	ISO/TS 21872-1:2017/ Amd 1 :2023
	12. Enterobacteriaceae	ISO 21528-1: 2017 ISO 21528-2: 2017
	13. Enumeration of β -glucuronidase - positive <i>Escherichia coli</i> – Colony Count @ 44°C using 5-bromo-4-chloro-3-indolyl β -D-glucuronide	ISO 16649-2: 2001 (E)
	14. Enumeration of Enterococci / Fecal streptococci (RSTS-FD-MI-017)	In-house method SOP-FOO-091 (2025) [Compendium of Methods for the Microbiological Examination of Food (APHA), 4th Edition, 2001(Chapter 9)]
	15. Enumeration of micro-organisms	ISO 4833-1: 2013/ Amd 1:2022 ISO 4833-2: 2013 / Cor.1: 2014/ Amd1:2022
	16. Enumeration of Presumptive <i>Pseudomonas</i> spp.	ISO 13720:2010

D.	Jet A1	17. Enumeration of Sulfite-reducing Bacteria Growing Under Anaerobic Conditions	ISO 15213-1: 2023
		18. Enumeration of Thermotolerant Coliforms by Colony-Count Technique at 44°C	NF V08-060: 2009
		19. <i>Escherichia coli</i>	NMKL 125 5 th Ed: 2024
		20. Horizontal Methods for Sampling Techniques from Surfaces using Contact Plates and Swabs	ISO 18593: 2018
		21. Mesophilic Lactic Acid Bacteria	ISO 15214: 1998
		22. Osmophilic Yeast in products with water activity less than or equal to 0.95.	ISO 21527-2: 2008
		23. Pathogenic <i>Yersinia enterocolitica</i>	ISO 10273: 2017
		24. Presumptive <i>Bacillus cereus</i>	ISO 7932: 2004/ Amd 1:2020
		25. Presumptive <i>Escherichia coli</i>	ISO 7251: 2005/ Amd 1:2023
		26. <i>Salmonella</i> spp.	ISO 6579-1: 2017/ Amd 1:2020
		27. <i>Shigella</i> spp.	ISO 21567: 2004
		28. Total Mesophilic Bacterial count	ICUMSA Method GS 2-41 (2024)
		29. Thermophilic Spore-forming bacteria	ICUMSA Method GS 2-49 (2024)
		30. Yeast and Moulds in products with water activity less than or equal to 0.95.	ISO 21527-2: 2008
		31. Yeast and Moulds in products with water activity greater than 0.95	ISO 21527-1: 2008
		1. Viable Aerobic Microbial Content of middle distillate fuels and associated water	IP 385 / 19 (2019)

III	<i>Textile & Garments testing</i>		
A.	Fabric/Garment	1. Fabric Weight 2. Dimensional Stability For knitted and woven Fabrics/ garments 3. Colour fastness to washing 4. Colour fastness to rubbing 5. Abrasion Resistance 6. Pilling Resistance ICI Method 7. Pilling Resistance Nu-Martindale Method 8. Tensile Strength Strip Method 9. Tensile Strength Grab Method 10. Tearing Strength 11. Seam Strength Strip Method 12. Seam Slippage 13. Residual Extension 14. Spirality 15. Flammability 16. Small Parts Testing 17. Torque Tests 18. Tension Tests	EN 12127:1998 ISO 3801:1977 Method 5 ISO 3759:2011 ISO 6330:2021 EN ISO 5077:2008 (E) ISO 105 C06:2010 ISO 105 X12:2016 ISO 12947-1:1998/Cor 1:2012 ISO 12947-2:2016 ISO 12945-1:2020 ISO 12945-2:2020 ISO 12945-4:2020 ISO 13934-1:2013 ISO 13934-2:2014 ISO 13937-1:2000 & AC:2006 ISO 13935-1:2014 ISO 13936-1:2004 ISO 13936-2:2004 EN 14704-1:2005 ISO 20932-1:2020/ Amd 1:2021 ISO 16322-1:2005 ISO 16322-2:2021 ISO 16322-3:2021 16 CFR Part 1610-2024 ASTM F963-23 clause 4.2 16 CFR 1501 ASTM F963-23 Clause 4.6 16 CFR 1500. 51e 52e 53e ASTM F963-23 clause 8.8 16 CFR 1500. 51f 52f 53f ASTM F963-23 Clause 8.9

	19. Sharp Point	16 CFR 1500.48 ASTM F963-23 Clause 4.9
	20. Sharp Edge	16 CFR 1500. 49 ASTM F963-23 Clause 4.7
	21. Appearance Assessment After Washing	In-House Method SL-MU-TM-00001: 2006
	22. Assessment of The Potential to Phenolic Yellowing of Materials	ISO 105 X18:2007
	23. Colour Fastness to Dry Cleaning	ISO 105 D01:2010
	24. Colour Fastness to Perspiration	ISO 105 E04:2013
	25. Colour Fastness to Sea Water	ISO 105 E02: 2013
	26. Colour Fastness to Water	ISO 105 E01: 2013
	27. Detection and Determination of Certain Listed Aromatic Amines Derived from Azo COLORANTS-Extraction Test on Coloured Textiles- Detection of the use of certain azo colorants in fibres, liquid or powder material with or without extraction	RSTS-CHEM-201-14:2024
	28. Detection of the Use of Certain Azo Colorants Which May Release 4- Amino azobenzene	RSTS-CHEM-201-15:2024
	29. Fibre Analysis	ISO 1833-1:2020 ISO 1833-2:2020 ISO 1833-4:2023 ISO 1833-6:2018 ISO 1833-7:2017 ISO 1833-11:2017 ISO 1833-12:2020

B.	Print/Plastic	1. Determination of The Content of Phthalates By GC-MS 2. Determination of Polycyclic Aromatic Hydrocarbon (PAH) in Textile, Polymer and Rubber Type Samples	RSTS-CHEM-206-6:2023 (CPSC-CH-C1001-09.4:2018) RSTS – CHEM-232-1:2020
C.	Fabric/ Garment/ Yarn	1. Fibre Analysis 2. Determination of PH of aqueous extract	EU No. 1007/2011 ISO 3071:2020
D.	Fabric/ Garment/ Print	1. Determination of formaldehyde. Part 1: Free and Hydrolysed Formaldehyde	RSTS-CHEM-101-1:2016 (JIS L 1041:2011 Section 8.1.3 Method A)
E.	Fabric/ Garment/ Plastic	1. Determination of Organotin compounds in Footwear, Liquid or Powder Materials by GC-MS	RSTS-CHEM-205-2:2022
F.	Plastic	1. Determination of Cadmium Content with the Method of The Wet Decomposition in Plastic Sample	RSTS -CHEM-106-1:2016

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