



CERTIFICATE OF ACCREDITATION

This is to attest that

INTERTEK INDIA PVT.LTD.

PLOT NO.289 & 290, UDYOG VIHAR, PHASE-II
GURUGRAM, HR, 122016, INDIA

Testing Laboratory TL-1120

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Expiry Date April 1, 2025
Effective Date March 5, 2024



A handwritten signature in black ink, reading 'Raj Nathan'.

President

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

INTERTEK INDIA PVT.LTD.

www.intertek.com

Contact Name Shipra Jain

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Accredited to ISO/IEC 17025:2017

Effective Date March 5, 2024

BIOLOGICAL	
Matrix: Textile and Fabrics, PPE	
AATCC TM30	Test Method for Antifungal Activity, Assessment on Textile Materials: Mildew and Rot Resistance of Textile Materials
AATCC TM100	Test Method for Antibacterial Finishes on Textile Materials: Assessment of
AATCC TM147	Test Method for Antibacterial Activity of Textile Materials: Parallel Streak
ASTM F1671/F1671M	Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System Test Parameter: Viral Penetration Resistance
ASTM F2101	Standard Test Method for Evaluating the Bacterial Filtration Efficiency (BFE) of Medical Face Mask Materials, Using a Biological Aerosol of Staphylococcus aureus
BS EN 14683 Annex B	Medical face masks. Requirements and test methods Bacterial Filtration Efficiency
BS EN 14683 Annex D	Medical Face Masks Requirement and Test Methods Test Parameter: Microbial cleanliness /Bioburden (Membrane filtration)
BS EN ISO 11737-1	Sterilization of health care products. Microbiological methods Determination of a population of microorganisms on products Test Parameter: Microbial Cleanliness / Bioburden (Membrane filtration)
IS 16288	Medical Textiles — Method for Evaluation of the Bacterial Filtration Efficiency of Surgical Face Masks
IS 16545	Clothing for Protection Against Contact with Blood and Body Fluids - Determination of Resistance of Protective Clothing Materials to Penetration by Blood-Borne Pathogens - Test Method Using Phi-X174 Bacteriophage Test Parameter: Viral Penetration Resistance
IS 16548	Clothing for Protection Against Infectious Agents - Test Method for Resistance to Dry Microbial Penetration
IS 16549	Surgical Drapes, Gowns and Clean Air Suits, Used as Medical Devices, for Patients, Clinical Staff and Equipment — Test Method to Determine the Resistance to Wet Bacterial Penetration

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ISO 16604	Clothing for protection against contact with blood and body fluids — Determination of resistance of protective clothing materials to penetration by blood-borne pathogens — Test method using Phi-X 174 bacteriophage Test Parameter: Viral Penetration Resistance
ISO 22610	Surgical drapes, gowns, and clean air suits, used as medical devices, for patients, clinical staff and equipment — Test method to determine the resistance to wet bacterial penetration
ISO 22612	Clothing for protection against infectious agents — Test method for resistance to dry microbial penetration
JIS L 1902	Textiles - Determination of antibacterial activity and efficacy of textile products
CHEMICAL (Non-Analytical)	
Matrix: Textiles (Apparels/ Garment/ Finished Fabric, Carpets and Rugs, Upholstery Fabric/ Product, Other)	
AATCC TM8	Test Method for Colorfastness to Crocking: Crockmeter Assessment using Grey Scale for staining
AATCC TM15	Test Method for Colorfastness to Perspiration Assessment using Grey Scale for staining
AATCC TM16.3	Test Method for Colorfastness to Light: Xenon-Arc
AATCC TM20	Test Method for Fiber Analysis: Qualitative
AATCC TM20A	Test Method for Fiber Analysis: Quantitative
AATCC TM22	Test Method for Water Repellency: Spray
AATCC TM61	Test Method for Colorfastness to Laundering: Accelerated Assessment using Grey Scale for staining
AATCC TM79	Test Method for Absorbency of Textiles
AATCC TM81	Test Method for pH of the Water-Extract from Wet Processed Textiles
AATCC TM88B	Test Method for Seam Smoothness in Fabrics after Home Laundering
AATCC TM88C	Test Method for Crease Retention in Fabrics after Home Laundering
AATCC TM104	Test Method for Colorfastness to Water Spotting
AATCC TM106	Test Method for Colorfastness to Water: Sea Assessment using Grey Scale for staining
AATCC TM107	Test Method for Colorfastness to Water Assessment using Grey Scale for staining
AATCC TM112	Test Method for Formaldehyde Release from Fabric: Sealed Jar
AATCC TM116	Test Method for Colorfastness to Crocking: Rotary Vertical Crockmeter Assessment using Grey Scale for staining

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AATCC TM118	Test Method for Oil Repellency: Hydrocarbon Resistance
AATCC TM124	Test Method for Smoothness Appearance of Fabrics after Home Laundering
AATCC TM130	Test Method for Soil Release: Oily Stain Release
AATCC TM132	Test Method for Colorfastness to Drycleaning Assessment using Grey Scale for staining
AATCC TM133	Test Method for Colorfastness to Heat: Hot Pressing Assessment using Grey Scale for staining
AATCC TM135	Test Method for Dimensional Changes of Fabrics after Home Laundering
AATCC TM137	Test Method for Rug Back Staining on Vinyl Tile Assessment using Grey Scale for staining
AATCC TM143	Test Method for Appearance of Apparel and Other Textile End Products after Home Laundering
AATCC TM150	Test Method for Dimensional Changes of Garments after Home Laundering
AATCC TM162	Test Method for Colorfastness to Water: Chlorinated Pool
AATCC TM163	Test Method for Colorfastness to Storage: Dye Transfer Assessment using Grey Scale for staining
AATCC TM179	Test Method for Skew Change in Fabrics After Home Laundering
AATCC TM193	Test Method for Aqueous Liquid Repellency: Water/Alcohol Solution Resistance
BS 4407	Methods for quantitative analysis of fibre mixtures
BS EN ISO 105-B02	Textiles - Tests for colour fastness - Part B02: Colour fastness to light
BS EN ISO 105-C06	Textiles - Tests for colour fastness - Part C06: Colour fastness to domestic and commercial laundering Manual Assessment only
BS EN ISO 105-C09	Textiles — Tests for colour fastness — Part C09: Colour fastness to domestic and commercial laundering — Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator
BS EN ISO 105-C10	Textiles - Tests for colour fastness - Part C10: Colour fastness to washing with soap or soap and soda Manual Assessment only
BS EN ISO 105-D01	Textiles — Tests for colour fastness — Part D01: Colour fastness to drycleaning using perchloroethylene solvent Manual Assessment only
BS EN ISO 105-E01	Textiles — Tests for colour fastness — Part E01: Colour fastness to water Manual Assessment only

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BS EN ISO 105-E02	Textiles — Tests for colour fastness — Part E02: Colour fastness to sea water Manual Assessment only
BS EN ISO 105-E03	Textiles — Tests for colour fastness — Part E03: Colour fastness to chlorinated water (swimming-pool water) Manual Assessment only
BS EN ISO 105-E04	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration Manual Assessment only
BS EN ISO 105-E07	Textiles - Tests for colour fastness - Part E07: Colour fastness to spotting: Water Manual Assessment only
BS EN ISO 105-X05	Textiles — Tests for colour fastness — Part X05: Colour fastness to organic solvents
BS EN ISO 105-X10	Textiles — Tests for colour fastness — Part X10: Assessment of migration of textile colours into polyvinyl chloride coatings
BS EN ISO 105-X11	Textiles — Tests for colour fastness — Part X11: Colour fastness to hot pressing
BS EN ISO 105-X12	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing
BS EN ISO 105-X16	Textiles - Tests for colour fastness - Part X16: Colour fastness to rubbing - small areas
BS EN ISO 105-X18	Textiles - Tests for colour fastness - Part X18: Assessment of the potential to phenolic yellowing of materials
BS EN ISO 3071	Textiles. Determination of pH of aqueous extract
BS EN ISO 14184-1	Textiles. Determination of formaldehyde Free and hydrolysed formaldehyde (water extraction method)
BS EN ISO 14184-2	Textiles. Determination of formaldehyde Released formaldehyde (vapour absorption method)
DIN 53160-1	Determination of the colourfastness of articles for common use - Part 1: Test with artificial saliva
DIN 53160-2	Determination of the colourfastness of articles for common use - Part 2: Test with artificial sweat
EN ISO 105-B02	Textiles - Tests for colour fastness - Part B02: Colour fastness to light
EN ISO 105-C06	Textiles - Tests for colour fastness - Part C06: Colour fastness to domestic and commercial laundering Manual Assessment only
EN ISO 105-C09	Textiles — Tests for colour fastness — Part C09: Colour fastness to domestic and commercial laundering — Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator

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EN ISO 105-C10	Textiles - Tests for colour fastness - Part C10: Colour fastness to washing with soap or soap and soda Manual Assessment only
EN ISO 105-D01	Textiles — Tests for colour fastness — Part D01: Colour fastness to drycleaning using perchloroethylene solvent Manual Assessment only
EN ISO 105-E01	Textiles — Tests for colour fastness — Part E01: Colour fastness to water Manual Assessment only
EN ISO 105-E02	Textiles — Tests for colour fastness — Part E02: Colour fastness to sea water Manual Assessment only
EN ISO 105-E03	Textiles — Tests for colour fastness — Part E03: Colour fastness to chlorinated water (swimming-pool water) Manual Assessment only
EN ISO 105-E04	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration Manual Assessment only
EN ISO 105-E07	Textiles - Tests for colour fastness - Part E07: Colour fastness to spotting: Water Manual Assessment only
EN ISO 105-X05	Textiles — Tests for colour fastness — Part X05: Colour fastness to organic solvents
EN ISO 105-X10	Textiles — Tests for colour fastness — Part X10: Assessment of migration of textile colours into polyvinyl chloride coatings
EN ISO 105-X11	Textiles — Tests for colour fastness — Part X11: Colour fastness to hot pressing
EN ISO 105-X12	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing
EN ISO 105-X16	Textiles - Tests for colour fastness - Part X16: Colour fastness to rubbing - small areas
EN ISO 105-X18	Textiles - Tests for colour fastness - Part X18: Assessment of the potential to phenolic yellowing of materials
EN ISO 3071	Textiles. Determination of pH of aqueous extract
GB 18401 (Section 6.7)	National General Safety Technical Code for Textile Products Presence of odour
GB/T 2912.1	Textile - Determination of Formaldehyde - Part 1. Free and Hydrolyzed Formaldehyde
GB/T 3920	Textiles - Tests for colour fastness – Colour fastness to rubbing
GB/T 3921	Textiles - Tests for Colour Fastness – Colour Fastness to Washing with Soap or Soap and Soda

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GB/T 3922	Textiles - Tests for Colour Fastness – Colour Fastness to Perspiration Manual Assessment only
GB/T 5711	Textiles – Tests for Colour Fastness – Colour Fastness to Drycleaning Using Perchloroethylene Solvent Manual Assessment only
GB/T 5713	Textiles - Tests for Colour Fastness – Colour Fastness to Water Manual Assessment only
GB/T 7573	Textiles - Determination of pH of Aqueous Extract
GB/T 8427	Textiles - Tests for color fastness - Color fastness to artificial light: Xenon arc
GB/T 8629	Textiles -- Domestic washing and drying procedures for textile testing
GB/T 18886	Textiles - Tests for Fastness – Colour Fastness to Saliva Manual Assessment only
ISO 105-B02	Textiles - Tests for colour fastness - Part B02: Colour fastness to light
ISO 105-C06	Textiles - Tests for colour fastness - Part C06: Colour fastness to domestic and commercial laundering Manual Assessment only
ISO 105-C09	Textiles — Tests for colour fastness — Part C09: Colour fastness to domestic and commercial laundering — Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator
ISO 105-C10	Textiles - Tests for colour fastness - Part C10: Colour fastness to washing with soap or soap and soda Manual Assessment only
ISO 105-D01	Textiles — Tests for colour fastness — Part D01: Colour fastness to drycleaning using perchloroethylene solvent Manual Assessment only
ISO 105-E01	Textiles — Tests for colour fastness — Part E01: Colour fastness to water Manual Assessment only
ISO 105-E02	Textiles — Tests for colour fastness — Part E02: Colour fastness to sea water Manual Assessment only
ISO 105-E03	Textiles — Tests for colour fastness — Part E03: Colour fastness to chlorinated water (swimming-pool water) Manual Assessment only
ISO 105-E04	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration Manual Assessment only
ISO 105-E07	Textiles - Tests for colour fastness - Part E07: Colour fastness to spotting: Water Manual Assessment only

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ISO 105-X05	Textiles — Tests for colour fastness — Part X05: Colour fastness to organic solvents
ISO 105-X10	Textiles — Tests for colour fastness — Part X10: Assessment of migration of textile colours into polyvinyl chloride coatings
ISO 105-X11	Textiles — Tests for colour fastness — Part X11: Colour fastness to hot pressing
ISO 105-X12	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing
ISO 105-X16	Textiles - Tests for colour fastness - Part X16: Colour fastness to rubbing - small areas
ISO 105-X18	Textiles - Tests for colour fastness - Part X18: Assessment of the potential to phenolic yellowing of materials
ISO 1833-1	Textiles - Quantitative chemical analysis -- Part 1: General principles of testing
ISO 1833-2	Textiles - Quantitative chemical analysis -- Part 2: Ternary fibre mixtures
ISO 1833-3	Textiles - Quantitative chemical analysis -- Part 3: Mixtures of acetate and certain other fibres (method using acetone)
ISO 1833-4	Textiles - Quantitative chemical analysis -- Part 4: Mixtures of certain protein and certain other fibres (method using hypochlorite)
ISO 1833-5	Textiles - Quantitative chemical analysis -- Part 5: Mixtures of viscose, cupro or modal and cotton fibres (method using sodium zincate)
ISO 1833-7	Textiles - Quantitative chemical analysis -- Part 7: Mixtures of polyamide and certain other fibres (method using formic acid)
ISO 1833-8	Textiles — Quantitative chemical analysis — Part 8: Mixtures of acetate and triacetate fibres (method using acetone)
ISO 1833-9	Textiles — Quantitative chemical analysis — Part 9: Mixtures of acetate with certain other fibres (method using benzyl alcohol)
ISO 1833-11	Textiles - Quantitative chemical analysis -- Part 11: Mixtures of cellulose and polyester fibres (method using sulfuric acid)
ISO 1833-15	Textiles — Quantitative chemical analysis — Part 15: Mixtures of jute with certain animal fibres (method by determining nitrogen content)
ISO 1833-16	Textiles - Quantitative chemical analysis -- Part 16: Mixtures of polypropylene fibres and certain other fibres (method using xylene)
ISO 1833-18	Textiles - Quantitative chemical analysis - Part 18: Mixtures of silk with wool or other animal hair (method using sulfuric acid)
ISO 1833-19	Textiles — Quantitative chemical analysis — Part 19: Mixtures of cellulose fibres and asbestos (method by heating)
ISO 3071	Textiles. Determination of pH of aqueous extract

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ISO 3759	Textiles — Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change
ISO 4920	Textile fabrics — Determination of resistance to surface wetting (spray test)
ISO 5077	Textiles — Determination of dimensional change in washing and drying
ISO 6330	Textiles — Domestic washing and drying procedures for textile testing
JIS L 1041 Clause 8	Test methods for resin finished textiles Free formaldehyde test
SATRA TM335	Colour fastness to water or perspiration (petri-dish method)
CHEMICAL	
Matrix: Leather and its products, footwear, and its materials	
BS EN ISO 105-E01	Textiles. Tests for colour fastness Colour fastness to water Manual Assessment only
BS EN ISO 105-E04	Textiles. Tests for colour fastness Colour fastness to perspiration Manual Assessment only
BS EN ISO 11640	Leather. Tests for colour fastness. Colour fastness to cycles of to-and-fro rubbing
BS EN ISO 17700	Footwear. Test methods for upper components and insoles. Colour fastness to rubbing and bleeding
EN ISO 105-E01	Textiles. Tests for colour fastness Colour fastness to water Manual Assessment only
EN ISO 105-E04	Textiles. Tests for colour fastness Colour fastness to perspiration Manual Assessment only
EN ISO 105-X12	Textiles. Tests for colour fastness Colour fastness to rubbing
EN ISO 11640	Leather. Tests for colour fastness. Colour fastness to cycles of to-and-fro rubbing Manual Assessment only
EN ISO 17700	Footwear. Test methods for upper components and insoles. Colour fastness to rubbing and bleeding
ISO 4045	Leather — Chemical tests — Determination of pH and difference figure Test Parameter - pH of aqueous Extract
ISO 11640	Leather - Tests for Colour fastness - Colour fastness to cycles of to-and-fro rubbing Manual Assessment only
ISO 11641	Leather - Tests for colour fastness - Colour fastness to perspiration Manual Assessment only
ISO 11642	Leather - Tests for colour fastness - Colour fastness to water

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	Manual Assessment only
ISO 17700	Footwear — Test methods for upper components and insoles — Colour fastness to rubbing and bleeding
SATRA TM 167	Colour fastness to rubbing – crockmeter test
SATRA TM 8	Colour fastness to circular rubbing
SATRA TM 173	Colour fastness to rubbing – reciprocating method
CHEMICAL – HAZARDOUS & RESTRICTED CHEMICALS	
Matrix: Electrical & Electronic product contain chemical, polymer & metal under ROHS regulation	
IEC 62321-4	Determination of certain substances in electro-technical products -part-4: Mercury in polymers, metals and electronics by CV -AAS, CV-AFS, ICP-OES and ICP-MS. Test Parameter: Mercury
IEC 62321-5	Determination of certain substances in electro-technical products -part-5: Cadmium Lead and Chromium in polymers and electronics and cadmium and lead in metals by ICP-OES and ICP-MS. Test Parameters: Lead, Cadmium & Chromium ICP-OES and ICP-MS Methods
IEC 62321-6	Determination of certain substances in electro-technical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography -mass spectrometry (GC-MS) Test Parameters: Polybrominated biphenyls and polybrominated diphenyl ethers
IEC 62321-7-1	Determination of certain substances in electro-technical products – Part 7-1: Hexavalent chromium – Presence of hexavalent chromium (Cr (VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method Test Parameters: Hexavalent chromium (Cr (VI))
IEC 62321-7-2	Determination of certain substances in electro-technical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr (VI)) in polymers and electronics by the colorimetric method Test Parameters: Hexavalent chromium (Cr (VI))
IEC 62321-8	Determination of certain substances in electro-technical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry Test Parameters: Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Di isobutyl phthalate (DIBP), Di-isononyl phthalate (DINP) and Di-iso-decyl phthalate (DIDP),Di-nonyl phthalates (DNOP) Only GC-MS Method

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IS 16197 (Part 4): 2014 (Reaffirmed 2019)	Determination of certain substances in electro-technical products -part-4: Mercury in polymers, metals and electronics by CV -AAS, CV-AFS, ICP-OES and ICP-MS. Test Parameter: Mercury
IS 16197 (Part 5): 2014 (Reaffirmed 2019)	Determination of certain substances in electro-technical products -part-5: Cadmium Lead and Chromium in polymers and electronics and cadmium and lead in metals by ICP-OES and ICP-MS. Test Parameters: Lead, Cadmium & Chromium ICP-OES and ICP-MS Methods
IS 16197 (Part 6): 2018	Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography -mass spectrometry (GC-MS) Test Parameters: Polybrominated biphenyls and polybrominated diphenyl ethers
IS 16197 (Part 7/Sec 1): 2018	Determination of certain substances in electrotechnical products – Part 7-1: Hexavalent chromium – Presence of hexavalent chromium (Cr (VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method Test Parameters: Hexavalent chromium (Cr (VI))
IS 16197 (Part 7/Sec 2): 2020	Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr (VI)) in polymers and electronics by the colorimetric method Test Parameters: Hexavalent chromium (Cr (VI))
IS 16197 (Part 8): 2020	Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry Test Parameters: Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Di isobutyl phthalate (DIBP), Di-isononyl phthalate (DINP) and Di-iso-decyl phthalate (DIDP),Di-nonyl phthalates (DNOP) Only GC-MS Method
CHEMICAL – HAZARDOUS & RESTRICTED CHEMICALS	
Matrix: Food Contact Material and allied materials	
84 / 500 / EEC	Analytical method for ceramic articles intended to come into contact with foodstuffs Test Parameter: Leachable Lead, Leachable Cadmium
BS 6748	Specification For Limits of Metal Release from Ceramic Ware, Glassware, Glass Ceramic Ware and Vitreous Enamel Ware Test Parameter: Lead, Cadmium
BS EN 645	Paper and board intended to come into contact with foodstuffs. Preparation of a cold-water extract Test Parameters:

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	Mercury, Cadmium, Lead, Specific migration of formaldehyde
BS EN 647	Paper and board intended to come into contact with foodstuffs. Preparation of a hot water extract Test Parameters: Mercury, Cadmium, Lead, Specific migration of formaldehyde
BS EN 1186-2	Materials and articles in contact with foodstuffs. Plastics Test methods for overall migration in vegetable oils Test Parameters: Overall migration
BS EN 1186-3	Materials and articles in contact with foodstuffs. Plastics Test methods for overall migration in evaporable simulants Test Parameters: Overall migration
BS EN 1186-9	Materials and Articles in Contact with Foodstuffs - Plastics - Part 9: Test Methods for Overall Migration into Aqueous Food Simulants by Article Filling Test Parameters: Overall migration
BS EN 1186-13	Materials and articles in contact with foodstuffs. Plastics Test methods for overall migration at high temperatures Test Parameters: Overall migration
BS EN 1186-14	Materials and articles in contact with foodstuffs - Plastics - Part 14: Test methods for 'substitute tests' for overall migration from plastics intended to come into contact with fatty foodstuffs using test media iso-octane and 95 % ethanol. Test Parameters: Overall migration
BS EN 1230-1	Paper and board intended to come into contact with foodstuffs. Sensory analysis Odour. Test Parameters: Odour, Sensory
BS EN 1230-2	Paper And Board Intended to Come into Contact with Foodstuffs - Sensory Analysis - Part 2: Off-Flavour (Taint) Test Parameters: Sensory Analysis
BS EN 13130-1	Materials and articles in contact with foodstuffs. Plastics substances subject to limitation Guide to test methods for the specific migration of substances from plastics to foods and food simulants and the determination of substances in plastics and the selection of conditions of exposure to food simulants Test Parameters: Specific migration of Heavy element, Specific migration of Formaldehyde, Specific migration of Bisphenol A, Specific migration of Glycols, Specific migration of Styrene, Specific migration of acetaldehyde, Specific migration of Melamine, Specific migration of Phenol, Specific migration of Organotin (as tin)
CA Prop 65	The Safe Drinking Water and Toxic Enforcement Act Test Parameters:

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	Leachable Lead, Leachable Cadmium
CEN/TS 13130-23	Materials and articles in contact with foodstuffs - Plastics substances subject to limitation - Part 23: Determination of formaldehyde and hexamethylenetetramine in food simulants Test Parameter: Specific migration of Formaldehyde
CEN/TS 13130-27	Materials and articles in contact with foodstuffs - Plastics substances subject to limitation - Part 27: Determination of 2,4,6-triamino-1,3,5-triazine in food simulants Test Parameter: 2,4,6-triamino-1,3,5-triazine (Melamine)
Council of EU resolution CM/Res (2013) 9 on metal and alloy used in food contact materials and articles	Specific Migration of 23 Heavy elements Test Parameters: Silver, Aluminum, Cobalt, Chromium, Copper, Iron, Magnesium, Manganese, Molybdenum, Nickel, Tin, Titanium, Vanadium, Zinc, Arsenic, Barium, Beryllium, Cadmium, Mercury, Lithium, Lead, Antimony & Thallium
Decret no.2007-766(Commission Directive 2005/31/EC)	Methods of test for and permissible limits of toxic materials released from ceramicware, vitreous enamelware, glassware and glass-ceramicware in contact with food Test Parameters: Leachable lead and cadmium
DIN 10955	Sensory Analysis - Testing of Packaging Materials And Packages For Foodstuffs Test Parameters: Odour, Sensory
EN 1541	Paper and board intended to come into contact with foodstuffs - Determination of formaldehyde in an aqueous extract Test Parameter: Formaldehyde
FSSAI Gazette Notification F.No.195/Stds/Packaging/SP (L&C/A)/FSSAI as per IS 9845	Food safety standards (packing) regulations
IS 6615	Specification for General purpose packing/wrapping paper Test Parameters: Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium VI, Polychlorinated biphenyls, Pentachlorophenol (PCP)
IS 9806	Methods of test for and permissible limits of toxic materials released from ceramicware, vitreous enamelware, glassware and glass-ceramicware in contact with food Test Parameters: Leachable lead and cadmium

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IS 9833	List of pigments and colourants for use in plastics in contact with foodstuffs, pharmaceuticals and drinking water Test Parameters: Colour migration i)Lead ii)Arsenic iii)Mercury iv)Cadmium v)Zinc vi)Selenium vii)Barium viii)Chromium ix)Antimony x)Primary aromatic amine xi)Sulphonated aromatic amine xii)Polychlorinated biphenyl xiii)Carcinogenic amine
IS 9845	Determination of overall migration of constituents of plastics materials and articles intended to come in contact with foodstuffs - method of analysis Test Parameters: Overall Migration, Colour Migration
ISO 4531	Vitreous and porcelain enamels — Release from enamelled articles in contact with food — Methods of test and limits Test Parameters: Leachable 16 metals
ISO 15320	Pulp, paper and board - Determination of pentachlorophenol in an aqueous extract Test Parameter: Pentachlorophenol
Regulation (EU) 2020/1245 amends regulation (EU) no. 10/2011	On plastic materials and articles intended to come into contact with food Test Parameters: Overall migration, Specific migration
Resolution AP 89 (1)	On the use of colourants in plastic materials coming into contact with Food Test Parameter: Metal & Metalloids: Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium Unsulphonated aromatic amines: Benzidine, Beta – Naphthalamines, 4-Aminobiphenyl Unsulphonated aromatic amines (Total): Total Primary aromatic amines Sulphonated aromatic amines: Aniline sulphonic acid Polychlorinated biphenyl (PCBs): Monochlorobiphenyl, Dichlorobiphenyl, Trichlorobiphenyl, Tetra chlorobiphenyl, Penta chlorobiphenyl Hexa Chlorobiphenyl, Hepta Chlorobiphenyl, Octa Chlorobiphenyl, Nano Chlorobiphenyl, Deca Chlorobiphenyl
SOP/CH/TM-40	Overall, Color & Specific Migration of food contact plastic articles Test Parameters: Formaldehyde, Bisphenol A, Melamine, Primary aromatic amines, Phthalates, Soluble Heavy Metals

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SOP/CH/TM-49	Determination of Overall Migration, Colour migration and Specific migration of Heavy metals of constituents of plastic materials (food packaging material) and articles intended to come in contact with foodstuffs. Test Parameters: Barium, Cobalt, Copper, Iron, Lithium, Manganese, Zinc, Aluminium, Nickel, Antimony
SOP/CH/TM-63	Specific migration of Primary Aromatic Amine Test Parameters: 2,4 -Xylidine, 2 – Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o- Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p- chloroaniline, p- kresidine, 2 - Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino-diphenylmethane, 3,3- Dimethyl benzidine, 4 – Aminobiphenyl, 4 - Chloro-o-toluidine, 4,4-Oxydianiline, 4- Methylene-bis-(2- chloroaniline), 4,4- Thiodianiline, 2,4 Toluene diamine
SOP/CH/TM-64	Alignment of German LFGB Test Plan on Food Contact Materials Test Parameters: Overall migration, Specific migration
UNE CEN/TS 13130-13	Materials and articles in contact with foodstuffs - Plastics substances subject to limitation - Part 13: Determination of 2,2-bis (4 hydroxyphenyl) propane (Bisphenol A) in food simulants Test Parameter: 2,2-bis (4 hydroxyphenyl) propane (Bisphenol A)
US FDA 21 CFR	Code of Federal Regulations - Title 21 - Food and Drugs Test Parameters: Restricted substances
US FDA 21 CFR 175.300	Resinous and polymeric coatings Test Parameter: Amount Extractives
US FDA 21 CFR 176.170	Components of paper and paperboard in contact with aqueous and fatty foods Test Parameter: Clause (c), (d) Amount Extractives
US FDA 21 CFR 177.1520	Olefin polymers Test Parameter: Amount Extractives
US FDA 21 CFR 177.1630	Polyethylene phthalate polymers Test Parameter: Amount Extractives
US FDA 21 CFR 177.1210	Closures with sealing gaskets for food containers Test Parameter: Clause (b), (c) Chloroform fraction of water extractives, Chloroform fraction of heptane extractives, Chloroform fraction of alcohol extractives.

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US FDA 1995	Determination of Leachable Lead and Cadmium Test Parameter: Leachable Lead, Leachable Cadmium
CHEMICAL – HAZARDOUS & RESTRICTED CHEMICALS Matrix: Leather and Leather products (Footwear, protective gloves, surgical gloves, finished leather, Leather accessories, Leather products, Semi-finished leather, Synthetic leather, PU, Textile, print, paint, coating, fur, plastic & other)	
BS EN 16778	Protective gloves-The determination of Dimethylformamide in gloves. Test Parameter: Dimethylformamide
BS EN ISO 4048	Leather - Chemical tests - Determination of matter soluble in dichloromethane and free fatty acid content Test Parameter: Fat content
BS EN ISO 21420	Protective gloves – General requirements and test methods Test Parameter: Clause: 4.2: Innocuousness of protective gloves (Chromium VI content, pH, Azo colorant, Dimethyl formamide, Polycyclic aromatic hydrocarbons, Nickel release)
DIN EN ISO 13365	Leather –Chemical tests –Determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography Test Parameters: 2-(thiocyanomethylthio)-benzothiazole (TCMTB), 4-chloro-3-methylphenol (PCMC),2-phenylphenol (OPP), 2-octylisothiazol-3(2H)-one (OIT)
DIN EN ISO 17070	Leather-Chemical Tests-Determination of tetra chlorophenol-, trichlorophenol-, monochlorophenol- isomers and pentachlorophenol content Test Parameters: 2-chlorophenol,3-chlorophenol,4-chlorophenol,2,3-Dichlorophenol, 2,4-Dichlorophenol, 2,5-Dichlorophenol, 2,6-Dichlorophenol,3,4-Dichlorophenol,3,5-Dichlorophenol,2,3,4-Trichlorophenol, 2,3,5-Trichlorophenol, 2,3,6Trichlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 3,4,5-Trichlorophenol,2,3,4,5 Tetra chlorophenol, 2,3,4,6-Tetrachlorophenol, 2,3,5,6-Tetrachlorophenol, Pentachlorophenol
DIN EN ISO 18219-1	Leather –Determination of chlorinated hydrocarbons in leather –Part 1: Chromatographic method for short chain chlorinated paraffins Test Parameter: Short chain chlorinated paraffins (SCCPs)
DIN EN ISO 18219-2	Leather –Determination of chlorinated hydrocarbons in leather –Part 2: Chromatographic method for middle chain chlorinated paraffins Test Parameter: Middle chain chlorinated paraffins (MCCPs)
EN ISO 10195	Leather — Chemical determination of chromium (VI) content in leather — Thermal pre-ageing of leather and determination of hexavalent chromium Test Parameters: Chromium (VI) content

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EN ISO 17072-2	Leather-Chemical determination of metal content-part 2: Total metal content Test Parameters: Aluminum, Antimony, Arsenic, Barium, Calcium, Chromium (except chromium tanned leather), Cobalt, copper, Iron, Magnesium, Mercury, Molybdenum, Lead, Cadmium, Nickel, Potassium, Selenium, Silicon, Sodium, Tin, Titanium, Zinc, Zirconium, Nickel
GB/T 19941.1	Leather and fur - Determination of formaldehyde content - Part 1: High performance liquid chromatography method Test Parameter: Formaldehyde
GB/T 19942	Leather and fur -- Chemical tests -- Determination of banned azo colorants Test Parameters: 2,4 -Xylidine, 2 - Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o-Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p- chloroaniline, p- kresidine, 2 - Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino-diphenylmethane, 3,3- Dimethyl benzidine, 4 - Aminobiphenyl, 4 - Chloro-o-toluidine, 4,4-Oxydianiline, ,4- Methylene-bis-(2- chloroaniline), ,4,4- Thiodianiline,2,4 Toluene diamine
ISO 4045	Leather- Chemical tests - Determination of pH and difference figure Test Parameter: pH and difference figure
ISO 16181-1	Footwear — Critical substances potentially present in footwear and footwear components —Part 1: Determination of phthalate with solvent extraction Test Parameter: Dibutyl phthalate, Benzyl butyl phthalate, Bis (2-ethyl(hexyl)phthalate),Di-n-octyl phthalate, Diisononyl phthalate, Diisodecyl phthalate, Diisobutyl phthalate, Bis(2-methoxyethyl) phthalate, Di isopentyl phthalate, N-pentyl-isopentyl phthalate, Di-n-pentyl phthalate, Diisohexyl phthalate, Di-n-hexyl phthalate, Butyl octyl phthalate,1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich, Diisooctyl phthalate, Di undecyl phthalate,1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear,1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear,1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters,1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzene dicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate, Diethyl phthalate, Dimethyl phthalate, Di cyclohexyl phthalate, Di-n-propyl phthalate, Di nonyl phthalate
ISO 17075-1	Leather — Chemical determination of chromium (VI) content in leather —Part 1: Colorimetric method Test Parameter: Chromium VI
ISO 17075-2	Leather — Chemical determination of chromium (VI) content in leather — Part 2: Chromatographic method Test Parameter: Chromium VI

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ISO 17226-1	Leather — Chemical determination of formaldehyde content - Part 1: Method using high-performance liquid chromatography Test Parameter: Formaldehyde
ISO 17234-1	Leather — Chemical tests for the determination of certain azo colourants in dyed leathers — Part 1: Determination of certain aromatic amines derived from azo colourants Test Parameters: 2,4 -Xylidine, 2- Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o- Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p- chloroaniline, p- kresidine, 2 - Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino-diphenylmethane, 3,3- Dimethyl benzidine, 4 – Aminobiphenyl, 4 - Chloro-o-toluidine, 4,4-Oxydianiline, ,4- Methylene-bis-(2- chloroaniline), ,4,4- Thiodianiline,2,4 Toluene diamine
ISO 17234-2	Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 2: Determination of 4-aminoazobenzene Test Parameters: 4-aminoazobenzene
ISO 18218-1	Leather - Determination of ethoxylated alkylphenols - Part 1: Direct method Test Parameters: Nonylphenol ethoxylate, Octylphenol ethoxylate
ISO 20344	Personal protective equipment — Test methods for footwear Test Parameter: Chromium VI Content
ISO 20345	Personal protective equipment — Safety footwear Test Parameter: Chromium VI Content
ISO 20346	Personal protective equipment — Protective footwear Test Parameter: Chromium VI Content
ISO 20347	Personal protective equipment — Occupational footwear Test Parameter: Chromium VI Content
ISO/TS 16179	Footwear — Critical substances potentially present in footwear and footwear components — Determination of organotin compounds in footwear materials Test Parameters: n-butyl tin, n-octyl tin, Di-n-butyl tin, Di-n-octyl tin, Tri-n-butyl tin, Triphenyl tin, Tricyclohexyltin, Tetra-n-butyl tin
ISO/TS 16186	Footwear — Critical substances potentially present in footwear and footwear components — Test method to quantitatively determine dimethyl fumarate (DMFU) in footwear materials Test Parameter: Dimethyl fumarate (DMFU)

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ISO/TS 16189	Footwear — Critical substances potentially present in footwear and footwear components — Test method to quantitatively determine dimethylformamide in footwear materials Test Parameters: Dimethyl formamide
ISO/TS 16190	Footwear — Critical substances potentially present in footwear and footwear components — Test method to quantitatively determine polycyclic aromatic hydrocarbons (PAH) in footwear materials Test Parameters: Naphthalene, Acenaphthylene, Acenaphthene, Fluorene, Anthracene, Phenanthrene, Fluoranthene, Pyrene, 1-methylpyrene, Cyclopenta (c, d) pyrene, Benzo[a]anthracene, Chrysene, Benzo[b]fluoranthene, Benzo[j]fluoranthene, Benzo(k)fluoranthene, Benzo[a]pyrene, Benzo[e]pyrene, Benzo[ghi]perylene, Indeno[1,2,3-cd] pyrene, Dibenzo (a, h) anthracene, Dibenzo [a, i] pyrene, Dibenzo [a, e] pyrene, Dibenzo [a, i] pyrene, Dibenzo [a, h] pyrene
LFGB §64 B 82.02.3	Leather - chemical tests for the determination of certain colorants in dyed leathers Test Parameters: 2,4 -Xylidine, 2 – Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o- Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p- chloroaniline, p- kresidine, 2 - Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino-diphenylmethane, 3,3- Dimethyl benzidine, 4 – Aminobiphenyl, 4 - Chloro-o-toluidine, 4,4-Oxydianiline, ,4- Methylene-bis-(2- chloroaniline), ,4,4- Thiodianiline,2,4 Toluene diamine
LFGB §64 B 82.02.8	Analysis of consumer goods - Detection and determination of pentachlorophenol in consumer goods, especially leather and textiles Test Parameters: Pentachlorophenol, 2,3,4,5-Tetrachlorophenol, 2,3,4,6- Tetra chlorophenol, 2,3,5,6- Tetra chlorophenol,2,3,5- Trichlorophenol, 2,3,6- Trichlorophenol, 2,4,6- Trichlorophenol, 3,4,5- Trichlorophenol, o- phenyl phenol,
LFGB §64 B 82.02.9	Analysis of consumer goods - Determination of certain azo dyes in dyed leather - Part 2: Determination of 4-aminoazobenzene Test Parameter: 4-aminoazobenzene
SOP/CH/TM-30	Determination of Alkylphenol ethoxylates (APEOs) and Alkyl phenol (APs) in Textile, Leather & Plastic Samples. Test Parameters: Nonyl phenol, Octyl phenol, Nonyl phenol ethoxylate, Octyl phenol ethoxylate
SOP/CH/TM-56	Determination of Volatile Organic Compounds in print, paint, coatings of textile products, leather products and other articles. Test Parameters: Benzene, m-cresol, o-cresol, p-cresol, Xylene, Toluene

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SOP/CH/TM-57	Determination of Halogenated solvent in print, paint, coatings of textile products, leather products and other articles. Test Parameters: 1,2-dichloroethane, Methylene chloride, Tetrachloroethylene, Trichloroethylene
SOP/CH/TM-58	Determination of Glycols/glycol ethers in print, paint, coatings of textile products, leather products and other articles. Test Parameters: Ethylene glycol dimethyl ether, Triethylene glycol dimethyl ether
SOP/CH/TM-59	Determination of Antimicrobial and Biocides in print, paint, coatings of textile products, leather products and other articles. Test Parameters: o-Phenyl phenol (+salts), Triclosan, Permethrin
SOP/CH/TM-60	Determination of 2-(2-Aminoethylamino) ethanol (AEEA) in print, paint, coatings of textile products, leather products and other articles. Test Parameters: 2-(2-Aminoethylamino) ethanol (AEEA)
SOP/CH/TM-61	Determination of Thiourea in print, paint, coatings of textile products, leather products and other articles. Test Parameters: Thiourea
SOP/CH/TM-62	Determination of UV absorbers in print, paint, coatings of textile products, leather products and other articles. Test Parameters: 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350), 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328), 2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320), 2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)
CHEMICAL – HAZARDOUS & RESTRICTED CHEMICALS	
Matrix: Metal, Metallic materials, Jewelry, Coated adornment	
BS EN 1811	Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin Test Parameter: Nickel release
BS EN ISO 21420	Protective gloves – General requirements and test methods Test Parameter: Clause: 4.2: Innocuousness of protective gloves (Nickel release)
CPSC-CH-E1001- 08.3	Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry) Test Parameter: Lead

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CPSC-CH-E1004-11	Standard Operating Procedure for Determining Cadmium (Cd) Extractability from Children's Metal Jewelry Test Parameter: Cadmium
DIN EN 12472	Method for the simulation of accelerated wear and corrosion for the detection of nickel release from coated items Test Parameter: Nickel release
GB/T 19719	Jewelry - Determination of the release of nickel - Method of spectrometry Test Parameter: Nickel Release
GB/T 21198.6	Determination of precious metals in precious metals jewellery alloys - Method using ICP spectrometry - Part 6: Difference method Test Parameter: Arsenic, Mercury
GB/T 28021	Adornment - Determination of baneful elements - Method of spectrometry Test Parameter: Lead, Cadmium, Arsenic, Mercury,
GB/T 28485	Coated adornment - Detection of nickel release - Method for simulation of wear and corrosion Test Parameter: Nickel Release
PD CEN/TR 12471	Screening test for the presence of nickel in articles which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin Test Parameter: Nickel release
SOP/CH/TM-24	Determination of Total Metal contains by Acid Digestion followed by ICP-OES/ICP MS Test Parameters: Lead, Cadmium, Chromium, Mercury, Selenium, Arsenic, Antimony, Barium, Nickel, Tin
SOP/CH/TM-39	Determination of Extractable Metal contains by Artificial Sweat Solution Test Parameters: Antimony, Arsenic, Lead, Cadmium, Total chromium, Cobalt, Copper, Cobalt, Nickel, Mercury
CHEMICAL – HAZARDOUS & RESTRICTED CHEMICALS	
Matrix: Other (Non-metal, polymer, Plastic, Rubber, Paint, coating, Varnishes)	
ASTM E1613	Determination of Lead by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Flame Atomic Absorption Spectrometry (FAAS), or Graphite Furnace Atomic Absorption Spectroscopy Test Parameter: Lead

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ASTM E1645	Standard Practice for Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis Test Parameter: Lead
CAN C-34	Determination of Phthalates in Polyvinyl chloride consumer products Test Parameter: Di ethyl phthalate, Di butyl phthalate, Benzyl butyl phthalate, Di iso nonyl phthalate, Bis-(2-ethyl hexyl) phthalate, Di-n-octyl phthalate, Di iso decyl phthalate, Bis 2(butoxy ethyl) phthalate
CPSC-CH-E1002-08	Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products Test Parameter: Lead
CPSC-CH-E-1002-08.3	Standard Operating Procedure for Determining Total Lead (Pb) in Nonmetal Test Parameter: Lead
CPSC-CH-E1003- 09.1	Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings Test Parameter: Lead
EN 1122	Plastics - Determination of cadmium - Wet decomposition method Test Parameter: Cadmium
IS 4148	Surgical rubber gloves-specification Test Parameter: Clause 7.7 pH of aqueous extract
ISO 11890-1	Paints and varnishes — Determination of volatile organic compound (VOC) content — Part 1: Difference method Test Parameters: Benzene, m-cresol, o-cresol, p-cresol, Xylene, Toluene
ISO 11890-2	Paints and varnishes — Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content — Part 2: Gas-chromatographic method Test Parameters: Benzene, m-cresol, o-cresol, p-cresol, Xylene, Toluene
SOP/CH/TM-42	Determination of Cadmium content by Acid Digestion Test Parameter: Cadmium
SOP/CH/TM-68	Determination of siloxanes in various consumer products Test Parameters: Octamethylcyclotetrasiloxane (D4) Decamethylcyclopentasiloxane (D5) Dodecamethylcyclohexasiloxane (D6)
SOP/CH/TM-69	Identification of Polymers by FTIR
CHEMICAL – HAZARDOUS & RESTRICTED CHEMICALS	

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Matrix: Sludge	
ASTM D7065	Standard Test Method for Determination of Nonylphenol, Bisphenol A, p-tert-Octyl phenol, Nonylphenol Monoethoxylate and Nonylphenol Diethoxylate in Environmental Waters by Gas Chromatography Mass Spectrometry Test Parameters: Nonylphenol (NP), mixed isomers Octyl phenol (OP), mixed isomers Nonylphenol ethoxylates (NPEO) Octyl phenol ethoxylates (OPEO)
DIN 38407-42	Standard methods for the examination of water, wastewater and sludge – Jointly determinable substances (group F) – Part 42: Determination of selected polyfluorinated compounds (PFC) in water – Method using high performance liquid chromatography and mass spectrometric detection (HPLC/MS-MS) after solid-liquid extraction Test Parameters: Per fluorinated chemicals (PFCs): Perfluoro-octane-sulfonic acid (PFOS), Perfluoro-octanoic acid (PFOA), Perfluoro-butane-sulfonic acid (PFBS), Perfluoro-hexanoic acid (PFHxA), Perfluoro-heptane-sulfonate (PFHpS), Perfluoro-decane-sulfonic acid (PFDS), Perfluoro-octane-sulfon-amide (PFOSA), Perfluoro-butanoic acid (PFBA), Perfluoro-pentanoic acid (PFPeA), Perfluoro-heptanoic acid (PFHpA), Perfluoro-nonanoic acid (PFNA), Perfluoro-undecanoic acid (PFUdA), Perfluoro-dodecanoic acid (PFDoA), Perfluoro-tridecanoic acid (PFTrDA), Perfluoro-tetradecanoic acid (PFTeDA), Perfluoro-3-7-dimethyl octane carboxylate (PF-3,7-DMOA), 7H-Dodecafluoro heptane carboxylate (HPFHpA), 2H,2H,-Perfluorodecanoic acid (H2PFDA), 2H,2H,3H,3H-Perfluoro-undecanoic acid (4HPFUnA), 1H,1H,2H,2H-Perfluorooctyl acrylate (6:2 FTA), 1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA), 1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA), 1H,1H,2H,2H-Perfluorohexanol (4:2 FTOH), 1H,1H,2H,2H-Perfluorooctanol (6:2 FTOH), 1H,1H,2H,2H-Perfluorodecanol (8:2 FTOH), 1H,1H,2H,2H-Perfluorododecanol (10:2 FTOH), N-Methyl-perfluoro-octane-sulfon-amido-ethanol (N-Me-FOSE alcohol), N-Ethyl-Perfluoro-octane-sulfon-amido-ethanol (N-Et-FOSE alcohol), N-Methyl-perfluoro-octane-sulfon-amide (N-Me-FOSA), N-Ethyl-perfluoro-octane-sulfon-amide (N-Et-FOSA), Perfluoro-decanoic acid (PFDA)
DIN 38407-43	Standard methods for the examination of water, waste water and sludge - Jointly determinable substances (group F) - Part 43: Determination of selected easily volatile organic compounds in water - Method using gas chromatography and mass spectrometry by static headspace technique (HS-GC-MS) Test Parameters: Volatile organic compounds: Benzene, Xylene, o-cresol, p-cresol, m-cresol
ISO 14154	Soil quality — Determination of some selected chlorophenols — Gas-chromatographic method with electron-capture detection Test Parameters: Chlorophenols: 2-Chlorophenol, 3-Chlorophenol, 4-Chlorophenol, 2,3-Dichlorophenol, 2,4-Dichlorophenol, 2,5-Dichlorophenol, 2,6-Dichlorophenol, 3,4-Dichlorophenol,

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	3,5-Dichlorophenol, 2,3,4-Trichlorophenol, 2,3,5-Trichlorophenol, 2,3,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 3,4,5-Trichlorophenol, 2,3,4,5-Tetrachlorophenol, 2,3,4,6-Tetrachlorophenol, 2,3,5,6-Tetrachlorophenol, Pentachlorophenol (PCP)
ISO 14362-1	Methods for determination of certain aromatic amines derived from azo colorants — Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres Test Parameters: 2,4 -Xylidine, 2 – Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o-Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p-chloroaniline, p- kresidine, 2 – Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino- diphenylmethane, 3,3- Dimethyl benzidine, 4 – Aminobiphenyl, 4 – Chloro-o-toluidine, 4,4-Oxydianiline, 4-Methylene-bis-(2- chloroaniline), 4,4- Thiodianiline, 2,4 Toluene diamine
ISO 14362-3	Methods for determination of certain aromatic amines derived from azo colorants — Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene Test Parameter: 4-aminoazobenzene
ISO 16373	General method for the determination of extractable dyestuffs including allergenic and carcinogenic dyestuffs (method using pyridine-water). Test Parameters: Disperse blue-106, Disperse orange-37, Disperse blue-124, Disperse orange-1, Disperse orange11, Basic violet-14, Acid red – 26, Basic red- 9, Disperse blue-102, Disperse blue-7, Disperse blue-3, Disperse orange -3, Disperse yellow-1, Disperse orange149, Disperse yellow-3, Disperse red- 17, Disperse red- 1, Disperse red-11, Disperse yellow-23, Direct blue 6, Disperse yellow-39, Disperse brown-1, Disperse blue -35, Disperse blue -1, Disperse blue-26, Disperse yellow-9, Disperse yellow-49, Direct Black-38, Direct red-28, Solvent yellow-2, Navy blue, Solvent yellow -1 & Solvent yellow -3
ISO 18254-1	Method for the detection and determination of alkylphenol ethoxylates (APEO) — Part 1: Method using HPLC-MS Test Parameters: Nonylphenol (NP), mixed isomers Octyl phenol (OP), mixed isomers Nonylphenol ethoxylates (NPEO) Octyl phenol ethoxylates (OPEO)
ISO 18856	Determination of selected phthalates using gas chromatography/mass spectrometry Test Parameter: Phthalates: Di-2-ethylhexyl phthalate (DEHP), Dimethoxy ethyl phthalate (DMEP), Di-n-octyl phthalate (DNOP), Di-iso-decyl phthalate (DIDP), Di-iso-nonyl phthalate (DINP), Di-n-hexyl phthalate (DnHP), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Di nonyl phthalate (DNP), Diethyl phthalate (DEP), Di-n-propyl phthalate (DPRP), Di-iso-butyl phthalate (DIBP), Di-cyclohexyl phthalate (DCHP), Di-iso-octyl phthalate (DIOP), 1,2-benzenedicarboxylic acid, di-C7-11-

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	branched and linear alkyl esters (DHNUP), 1,2-benzenedicarboxylic acid, di-C6-11-branched alkyl esters, C7-rich (DIHP), Dimethyl phthalate (DMP)
ISO 18857-2	Determination of selected alkylphenols — Part 2: Gas chromatographic-mass spectrometric determination of alkylphenols, their ethoxylates and bisphenol A in non-filtered samples following solid-phase extraction and derivatization Test Parameters: Nonylphenol (NP), mixed isomers Octyl phenol (OP), mixed isomers Nonylphenol ethoxylates (NPEO) Octyl phenol ethoxylates (OPEO)
ISO 22032	Determination of selected polybrominated diphenyl ethers in sediment and sewage sludge — Method using extraction and gas chromatography/mass spectrometry Test Parameter: Flame Retardants: Decabromodiphenyl ether (DecaBDE), Pentabromodiphenyl ether (PentaBDE), Tetrabromodiphenyl ether (TetraBDE), Hexabromodiphenyl ether (HexaBDE), Heptabromodiphenyl ether (HeptaBDE)
ISO 22892	Soil quality — Guidelines for the identification of target compounds by gas chromatography and mass spectrometry Test Parameter: Glycols: Bis(2-methoxyethyl)-ether, 2-ethoxyethanol, 2-ethoxyethyl acetate, Ethylene glycol dimethyl ether, 2-methoxyethanol, 2-methoxyethylacetate, 2-methoxypropylacetate, Triethylene glycol dimethyl ether
ISO 23161	Soil quality — Determination of selected organotin compounds — Gas-chromatographic method Test Parameter: Organotin compounds: Mono-, di- and tri-butyltin derivatives, Mono, di-, and tri-octyl tin derivatives, Mono, di-, and tri-methyl tin derivatives, Mono, di-, and tri-phenyl tin derivatives
US EPA 3050	Acid digestion of sediments, sludges, and soils Test Parameters: Heavy metals Lead, Cadmium, Mercury, Arsenic, Chromium, Antimony, Barium, Cobalt, Copper, Zinc, Chromium VI, Nickel, Selenium, Silver
US EPA 3051A	Microwave assisted acid digestion of Sediments, sludges, soils, and oils Test Parameters: Lead, Cadmium, Mercury, Arsenic, Chromium, Antimony, Barium, Cobalt, Copper, Zinc, Chromium VI, Nickel, Selenium, Silver
US EPA 3060A	Alkaline digestion for hexavalent chromium Test Parameter: Hexavalent chromium
US EPA 3540	Soxhlet extraction for extracting nonvolatile and semi volatile organic compounds from solids such as soils, sludges, and wastes Test Parameters: Nonylphenol (NP), mixed isomers

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	<p>Octyl phenol (OP), mixed isomers Nonylphenol ethoxylates (NPEO) Octyl phenol ethoxylates (OPEO) Chlorobenzenes and Chlorotoluenes: Chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobezene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3,5-Trichlorobenzene, 1,2,3,4-Tetrachlorobenzene, 1,2,3,5-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, Pentachlorobenzene, Hexachlorobenzene, 2-Chlorotoluene, 3-Chlorotoluene, 4-Chlorotoluene, 2,3-Dichlorotoluene, 2,4-Dichlorotoluene, 2,5-Dichlorotoluene, 2,6-Dichlorotoluene, 3,4-Dichlorotoluene, 3,5-Dichlorotoluene, 2,3,4-Trichlorotoluene, 2,3,6-Trichlorotoluene, 2,4,5-Trichlorotoluene, 2,4,6-Trichlorotoluene, 3,4,5-Trichlorotoluene, 2,3,4,5-Tetrachlorotoluene, 2,3,5,6-Tetrachlorotoluene, 2,3,4,6-Tetrachlorotoluene, Penta chlorotoluene Phthalates: Di-2-ethylhexyl phthalate (DEHP), Dimethoxy ethyl phthalate (DMEP), Di-n-octyl phthalate (DNOP), Di-iso-decyl phthalate (DIDP), Di-iso-nonyl phthalate (DINP), Di-n-hexyl phthalate (DnHP), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Di nonyl phthalate (DNP), Diethyl phthalate (DEP), Di-n-propyl phthalate (DPRP), Di-iso-butyl phthalate (DIBP), Di-cyclohexyl phthalate (DCHP), Di-iso-octyl phthalate (DIOP), 1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP), 1,2-benzenedicarboxylic acid, di-C6-11-branched alkyl esters, C7-rich (DIHP), Dimethyl phthalate (DMP) Test Parameters: Polycyclic aromatic hydrocarbons (PAHs): Benzo(a)pyrene (BaP), Anthracene, Pyrene, Benzo(ghi)perylene, Benzo(e)pyrene, Indeno (1,2,3-cd) pyrene, Benzo(j)fluoranthene, Benzo(b)fluoranthene, Fluoranthene, Benzo(k)fluoranthene, Acenaphthylene, Chrysene, Dibenzo(a,h)anthracene, Benzo(a)anthracene, Acenaphthene, Phenanthrene, Fluorene, Naphthalene.</p>
<p>US EPA 3541</p>	<p>Extraction of organic analytes from soil, sediment, sludges, and waste solids Test Parameters: Nonylphenol (NP), mixed isomers Octyl phenol (OP), mixed isomers Nonylphenol ethoxylates (NPEO) Octyl phenol ethoxylates (OPEO) Chlorobenzenes and Chlorotoluenes: Chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobezene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3,5-Trichlorobenzene, 1,2,3,4-Tetrachlorobenzene, 1,2,3,5-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, Pentachlorobenzene, Hexachlorobenzene, 2-Chlorotoluene, 3-Chlorotoluene, 4-Chlorotoluene, 2,3-Dichlorotoluene, 2,4-Dichlorotoluene, 2,5-Dichlorotoluene, 2,6-Dichlorotoluene, 3,4-Dichlorotoluene, 3,5-Dichlorotoluene, 2,3,4-Trichlorotoluene, 2,3,6-Trichlorotoluene, 2,4,5-Trichlorotoluene, 2,4,6-Trichlorotoluene, 3,4,5-Trichlorotoluene, 2,3,4,5-Tetrachlorotoluene, 2,3,5,6-Tetrachlorotoluene, 2,3,4,6-Tetrachlorotoluene, Penta chlorotoluene Phthalates: Di-2-ethylhexyl phthalate (DEHP), Dimethoxy ethyl phthalate (DMEP), Di-n-octyl phthalate (DNOP), Di-iso-decyl phthalate (DIDP), Di-iso-nonyl phthalate (DINP), Di-n-hexyl phthalate (DnHP), Dibutyl phthalate (DBP), Butyl benzyl</p>

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	<p>phthalate (BBP), Di nonyl phthalate (DNP), Diethyl phthalate (DEP), Di-n-propyl phthalate (DPRP), Di-iso-butyl phthalate (DIBP), Di-cyclohexyl phthalate (DCHP), Di-iso-octyl phthalate (DIOP), 1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP), 1,2-benzenedicarboxylic acid, di-C6-11-branched alkyl esters, C7-rich (DIHP), Dimethyl phthalate (DMP)</p> <p>Test Parameters: Polycyclic aromatic hydrocarbons (PAHs): Benzo(a)pyrene (BaP), Anthracene, Pyrene, Benzo(ghi)perylene, Benzo(e)pyrene, Indeno (1,2,3-cd) pyrene, Benzo(j)fluoranthene, Benzo(b)fluoranthene, Fluoranthene, Benzo(k)fluoranthene, Acenaphthylene, Chrysene, Dibenzo(a,h)anthracene, Benzo(a)anthracene, Acenaphthene, Phenanthrene, Fluorene, Naphthalene.</p>
US EPA 3550	<p>Ultrasonic extraction for extracting nonvolatile and semi volatile organic compounds from solids such as soils, sludges, and wastes</p> <p>Test Parameters: 1,2 Dichlorobenzene, 1,3 Dichlorobenzene, Diethyl phthalate, Hexachlorobenzene, Phenol, 1,2,4 Trichlorobenzene</p>
US EPA 3560	<p>Supercritical fluid extraction of total recoverable Petroleum hydrocarbons</p> <p>Test Parameters: Polycyclic aromatic hydrocarbons (PAHs): Benzo(a)pyrene (BaP), Anthracene, Pyrene, Benzo(ghi)perylene, Benzo(e)pyrene, Indeno (1,2,3-cd) pyrene, Benzo(j)fluoranthene, Benzo(b)fluoranthene, Fluoranthene, Benzo(k)fluoranthene, Acenaphthylene, Chrysene, Dibenzo (a, h)anthracene, Benzo(a)anthracene, Acenaphthene, Phenanthrene, Fluorene, Naphthalene.</p>
US EPA 3650	<p>Acid-base partition cleanup (liquid-liquid partitioning cleanup method to separate acid analytes, e.g., organic acids and phenols, from base/neutral analytes, e.g., amines, aromatic hydrocarbons, and halogenated organic compounds, using Ph adjustment)</p> <p>Test Parameters: Benzo(a)pyrene (BaP), Benzo (a) Anthracene, Benzo(b)fluoranthene, Chrysene, Dichlorobenzene(s), Hexachlorobenzene, Naphthalene, Pentachlorophenol, Phenol</p>
US EPA 5021	<p>Volatile organic compounds in various sample matrices Using equilibrium headspace analysis</p> <p>Test Parameters: Volatile organic compounds: Benzene, Xylene, o-cresol, p-cresol, m-cresol</p>
US EPA 6010D	<p>Inductively coupled plasma—optical emission spectrometry</p> <p>Test Parameters: Lead, Cadmium, Mercury, Arsenic, Chromium, Antimony, Barium, Cobalt, Copper, Zinc, Chromium VI, Nickel, Selenium, Silver</p>
US EPA 6020B	<p>Inductively coupled plasma—optical emission spectrometry</p> <p>Test Parameters: Lead, Cadmium, Mercury, Arsenic, Chromium, Antimony, Barium, Cobalt, Copper, Zinc, Chromium VI, Nickel, Selenium, Silver</p>

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US EPA 7196	Determine the concentration of dissolved hexavalent chromium [Cr (VI)] in EP/TCLP characteristic extracts and ground waters. Test Parameter: Hexavalent chromium
US EPA 7199	Determination of hexavalent chromium in drinking water, groundwater and industrial wastewater effluents by ion chromatography. Test Parameter: Hexavalent chromium
US EPA 7471B	Mercury in solid or semisolid waste (manual cold-vapor technique) Test Parameter: Mercury
US EPA 8010	Halogenated and Aromatic Volatile Organic Compounds (VOCs) by Gas Chromatography Test Parameter: Halogenated solvents: 1,2-dichloroethane, Methylene chloride, Tetrachloroethylene, Trichloroethylene
US EPA 8260	Determination of Volatile Organic Compounds by Gas Chromatography-Mass Spectrometry (GC/MS) Test Parameters: Volatile organic compounds: Benzene, Xylene, o-cresol, p-cresol, m-cresol
US EPA 8270	Determination of Semi volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC-MS) Test Parameters: Chlorobenzenes and Chlorotoluenes: Chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3,5-Trichlorobenzene, 1,2,3,4-Tetrachlorobenzene, 1,2,3,5-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, Pentachlorobenzene, Hexachlorobenzene, 2-Chlorotoluene, 3-Chlorotoluene, 4-Chlorotoluene, 2,3-Dichlorotoluene, 2,4-Dichlorotoluene, 2,5-Dichlorotoluene, 2,6-Dichlorotoluene, 3,4-Dichlorotoluene, 3,5-Dichlorotoluene, 2,3,4-Trichlorotoluene, 2,3,6-Trichlorotoluene, 2,4,5-Trichlorotoluene, 2,4,6-Trichlorotoluene, 3,4,5-Trichlorotoluene, 2,3,4,5-Tetrachlorotoluene, 2,3,5,6-Tetrachlorotoluene, 2,3,4,6-Tetrachlorotoluene, Penta chlorotoluene Test Parameters: Polycyclic aromatic hydrocarbons (PAHs): Benzo(a)pyrene (BaP), Anthracene, Pyrene, Benzo(ghi)perylene, Benzo(e)pyrene, Indeno (1,2,3-cd) pyrene, Benzo(j)fluoranthene, Benzo(b)fluoranthene, Fluoranthene, Benzo(k)fluoranthene, Acenaphthylene, Chrysene, Dibenzo (a, h)anthracene, Benzo(a)anthracene, Acenaphthene, Phenanthrene, Fluorene, Naphthalene.

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US EPA 8270D	Determination of Semi volatile organic compounds by gas chromatography/mass spectrometry Test Parameter: Glycols: Bis(2-methoxyethyl)-ether, 2-ethoxyethanol, 2-ethoxyethyl acetate, Ethylene glycol dimethyl ether, 2-methoxyethanol, 2-methoxyethylacetate, 2-methoxypropylacetate, Triethylene glycol dimethyl ether
CHEMICAL – HAZARDOUS & RESTRICTED CHEMICALS Matrix: Textile and Textile products (Prints, paint, coating, plastic, textile Accessories)	
AfPS GS 2019.01 PAK	Testing and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the awarding of GS Marks Test Parameters: Naphthalene, Indeno (1,2,3-cd) pyrene, Phenanthrene, Pyrene, Anthracene, Benzo (b) fluoranthene, Benzo (g, h, i) perylene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(e)pyrene, Benzo(j)fluoranthene, Benzo(k)fluoranthene, Chrysene, Fluoranthene, Dibenzo (a, h) anthracene
BS EN 16711-3	Textiles - Determination of metal content - Part 3: Determination of lead release by artificial saliva solution Test Parameters: Lead
BS EN 17130	Textiles and textile products. Determination of dimethyl fumarate (DMFu), method using gas chromatography Test Parameter: Dimethyl fumarate
BS EN 17131	Textiles and textile products - Determination of dimethylformamide (DMF), method using gas chromatography. Test Parameter: Dimethyl formamide
BS EN 17132	Textiles and textile products. Determination of Polycyclic Aromatic Hydrocarbons (PAH), method using gas chromatography Test Parameters: Naphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene, Benzo[a]anthracene, Benzo[e]pyrene, Benzo[j]fluoranthene, Chrysene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Benzo[a]pyrene, Indeno[1,2,3-cd] pyrene, Dibenzo [a, h] anthracene, Benzo[ghi] perylene
BS EN ISO 17137	Textiles - Determination of the content of compounds based on chlorobenzenes and chlorotoluenes Test Parameters: 2-Chlorotoluene ,3-Chlorotoluene ,4-Chlorotoluene ,2,3-Dichlorotoluene,2,4-Dichlorotoluene, 2,5-Dichlorotoluene, 2,6-Dichlorotoluene,3,4-Dichlorotoluene,2,3,6-Trichlorotoluene ,2,4,5-Trichlorotoluene, Pentachloro toluene ,1,2-Dichlorobenzene ,1,3-Dichlorobenzene,1,4-Dichlorobenzene ,1,2,3-Trichlorobenzene ,1,2,4-Trichlorobenzene,1,3,5-Trichlorobenzene ,1,2,3,4-Tetrachlorobenzene,

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	1,2,3,5 Tetra chlorobenzene ,1,2,4,5-Tetrachlorobenzene, Pentachloro benzene, Hexachlorobenzene
BS EN ISO 22744-1	Textiles and textile products — Determination of organotin compounds — Part 1: Derivatisation method using gas chromatography Test Parameters: Methyl tin, n-Butyl tin, n-Octyl tin, Phenyl tin, Dimethyl tin, Di-n-propyl tin, Di-n-butyl tin, Di-n-octyl tin, Diphenyl tin, Trimethyl tin, Tri-n-propyl tin, Tri-n-butyl tin, Tri-n-octyl tin, Triphenyl tin, Tricyclohexyltin, Tetra-n-ethyl tin, Tetra-n-butyl tin
CEN/TS 15968	Determination of extractable perfluorooctanesulphonate (PFOS) in coated and impregnated solid articles, liquids and firefighting foams - Method for sampling, extraction and analysis by LC-qMS or LC-tandem/MS Test Parameters: PFOS, PFOSA, N-Me-FOSA, N-Et-FOSA, N-Me-FOSE alcohol and N-Et-FOSE alcohol Quantification by HPLC-MS-MS.
CPSC-CH-C1001-09.4	Standard Operating Procedure for Determination of Phthalates Test Parameters: Dibutyl Phthalate, Di isobutyl phthalate, Di-n-pentyl phthalate, Di-n-hexyl phthalate, Di cyclohexyl phthalate, Di(2-ethylhexyl) phthalate, Benzyl Butyl Phthalate, 1,2-Benzenedicarboxylicacid, 1,2-diisononyl,1,2-Benzenedicarboxylicacid, di-C8-10 branched alkyl esters, Di-n-octyl phthalate
DIN 50009	Textiles - Determination of tetra chlorophenol-, trichlorophenol-, dichlorophenol-, mono chlorophenol-isomers and pentachlorophenol content Test Parameters: 3,4,5- Trichlorophenol, 2- chlorophenol, 3- chlorophenol, 4- chlorophenol, 2, 3 – Di chlorophenol, 2, 4 – Di chlorophenol, 2, 5 – Di chlorophenol, 2, 6 – Di chlorophenol, 3, 4 – Di chlorophenol, 3, 5 – Di chlorophenol, 2,3,6- Tri chloro phenol, 2,4,6- Tri chloro phenol, 2,3,4- Tri chloro phenol, 2,4,5- Tri chloro phenol, 2,3,5- Tri chloro phenol, 2,3,4,5- Tetra chloro phenol, 2,3,5,6-Tetra chloro phenol, 2,3,4,6-Tetra chloro phenol, Penta chloro phenol
DIN 54231	Textiles - Detection of disperse dyestuffs Test Parameters: Disperse blue 3, Disperse blue 35, Disperse blue 1, Disperse blue 106, Disperse blue 124, Disperse orange 3, Disperse yellow 3, Disperse orange-37/76/59, Disperse red 1
DIN EN 16711-1	Textiles –Determination of metal content –Part 1: Determination of metals using microwave digestion Test Parameters: Antimony, Arsenic, Lead, Cadmium, Chromium, Mercury, Copper, Nickel & Cobalt

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DIN EN 16711-2	Textiles - Determination of metal content - Part 2: Determination of metals extracted by acidic artificial perspiration solution Test Parameters: Antimony, Arsenic, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel
DIN EN ISO 16373- 2	Textiles – Dyestuffs - Part 2: General method for the determination of extractable dyestuffs including allergenic and carcinogenic dyestuffs (method using pyridine-water). Test Parameters: Disperse blue-106, Disperse orange-37, Disperse blue-124, Disperse orange-1, Disperse orange11, Basic violet-14, Acid red – 26, Basic red- 9, Disperse blue-102, Disperse blue-7, Disperse blue-3, Disperse orange -3, Disperse yellow-1, Disperse orange149, Disperse yellow-3, Disperse red- 17, Disperse red- 1, Disperse red-11, Disperse yellow-23, Direct blue 6, Disperse yellow-39, Disperse brown-1, Disperse blue -35, Disperse blue -1, Disperse blue-26, Disperse yellow-9, Disperse yellow-49, Direct Black-38, Direct red-28, Solvent yellow-2, Navy blue, Solvent yellow -1 & Solvent yellow -3
DIN EN ISO 17881-2	Textiles –Determination of certain flame retardants –Part 2: Phosphorus flame retardants Test Parameters: Tris (2,3-dibromopropyl) phosphate, Tris (1-aziridiny) phosphine oxide, Tris (2-chloroethyl) phosphate
EN 14372	Child use and care articles - Cutlery and feeding utensils -Safety requirements and tests Test Parameters: Di-butyl phthalate, Butyl benzyl phthalate, Di-iso-decyl phthalate, Di-n-octyl phthalate, Bis-(2- ethylhexyl) phthalate, Di iso nonyl phthalate
EN ISO 14362-1	Textiles — Methods for determination of certain aromatic amines derived from azo colorants — Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres Test Parameters: 2,4 -Xylidine, 2 – Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o- Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p- chloroaniline, p- kresidine, 2 - Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino-diphenylmethane, 3,3- Dimethyl benzidine, 4 – Aminobiphenyl,4 - Chloro-o- toluidine, 4,4-Oxydianiline, ,4- Methylene-bis-(2- chloroaniline), 4,4- Thiodianiline,2,4 Toluene diamine
EN ISO 14362-3	Textiles — Methods for determination of certain aromatic amines derived from azo colorants — Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene Test Parameter: 4-aminoazobenzene

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GB/T 17592	Textiles -- Determination of the banned azo colorant Test Parameters: 2,4 -Xylidine, 2 – Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o- Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p- chloroaniline, p- kresidine, 2 - Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino-diphenylmethane, 3,3- Dimethyl benzidine, 4 – Aminobiphenyl, 4 - Chloro-o-toluidine, 4,4-Oxydianiline, 4- Methylene-bis-(2- chloroaniline), 4,4- Thiodianiline, 2,4 Toluene diamine
GB/T 20388	Textiles - Determination of the phthalate content -Tetrahydrofuran method Test Parameters: Di-cyclohexyl phthalate, Di-isononyl phthalate, Di-(2-ethylhexyl) phthalate, Di-n-octyl phthalate, Di-iso-decyl phthalate, Butyl benzyl phthalate, Di-butyl phthalate, Di-iso-butyl phthalate, Di-pentyl phthalate, Di-iso-heptyl phthalate, Di-methoxyethyl phthalate (DMEP)
GB/T 23344	Textiles - Determination of 4-aminoazobenzene Test Parameter: 4-aminoazobenzene
GB/T 30157	Textiles - Determination of total content of lead and cadmium Test Parameter: Lead, Cadmium
IS 15570	Textiles - Method of test - Detection of banned azo colourants in coloured textiles Test Parameters: 2,4 -Xylidine, 2-Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o- Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p- chloroaniline, p- kresidine, 2 - Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino-diphenylmethane, 3,3- Dimethyl benzidine, 4 – Aminobiphenyl, 4 - Chloro-o-toluidine, 4,4-Oxydianiline, 4- Methylene-bis-(2- chloroaniline), 4,4- Thiodianiline, 2,4 Toluene diamine
ISO 14389	Specifies a method of determining phthalates in textiles with gas chromatography-mass spectrometry (GC-MS) with mass selective detector. Test Parameters: Dipentyl phthalate, Di n-Octyl phthalate, Di iso decyl phthalate, Di iso heptyl phthalate, Bis-2- methoxy ethyl phthalate, Di iso nonyl phthalate, Benzyl butyl phthalate, Di Butyl phthalate, Di iso- butyl phthalates, Bis (2 Ethyl hexyl) phthalates, Di-cyclohexyl phthalate
ISO 18254-1	Textiles - Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 1: Method using HPLC-MS Test Parameters: Octyl phenol ethoxylates, Nonyl phenol ethoxylates
ISO 21084	Textiles - Method for determination of alkylphenols (AP) Test Parameters:

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	4-n-octyl phenol,4-tert-octyl phenol,4-n-nonyl phenol,4-nonylphenol
ISO 22818	Textiles — Determination of short chain chlorinated paraffins (SCCP) and middle-chain chlorinated paraffins (MCCP) in textile products out of different matrices by use of gas chromatography negative ion chemical ionization mass spectrometry (GC-NCI-MS) Test Parameters: SCCPs, MCCPs
LFGB §64 B 82.02.2	Analysis of consumer goods - Procedure for the determination of certain aromatic amines from azo dyes in textiles - Part 1: Detection of the use of certain azo dyes with and without extraction of the fibers Test Parameters: 2,4 -Xylidine, 2 – Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o- Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p- chloroaniline, p- kresidine, 2 - Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino-diphenylmethane, 3,3- Dimethyl benzidine, 4 – Aminobiphenyl,4 - Chloro-o-toluidine, 4,4-Oxydianiline, 4- Methylene-bis-(2- chloroaniline), 4,4- Thiodianiline,2,4 Toluene diamine
LFGB §64 B 82.02.4	Analysis of consumer goods - Procedure for the determination of certain aromatic amines from azo dyes in textiles - Part 2: Proof of use of certain azo dyes by extraction of the fiber Test Parameters: 2,4 -Xylidine, 2 – Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o- Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p- chloroaniline, p- kresidine, 2 - Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino-diphenylmethane, 3,3- Dimethyl benzidine, 4 – Aminobiphenyl,4 - Chloro-o-toluidine, 4,4-Oxydianiline, 4- Methylene-bis-(2- chloroaniline), 4,4- Thiodianiline,2,4 Toluene diamine
LFGB §64 B 82.02.8	Analysis of consumer goods - Detection and determination of pentachlorophenol in consumer goods, especially leather and textiles Test Parameters: Pentachlorophenol, 2,3,4,5-Tetrachlorophenol, 2,3,4,6- Tetra chlorophenol, 2,3,5,6- Tetra chlorophenol,2,3,5- Trichlorophenol, 2,3,6- Trichlorophenol, 2,4,6- Trichlorophenol, 3,4,5- Trichlorophenol, o- phenyl phenol
NF EN ISO 17353	Water quality — Determination of selected organotin compounds — Gas chromatographic method Test Parameters: Monobutyl tin, Dioctyl tin, Triphenyl tin, Tetra butyl tin, Monoctyl tin, Dioctyl tin, Triphenyl tin, Tricyclohexyl tin, Monoheptyl tin, Diheptyl tin, Tripropyl tin, Tetra propyl tin
SOP/CH/TM-14	Determination of Navy Blue (Blue colorant) in textile samples Test Parameter: Navy Blue

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SOP/CH/TM-27	Determination of the Organotin compounds in textiles/ rubber / plastic and leather Test Parameters: Mono butyl tin, Di-n- butyl tin, Tri butyl tin, Tetra butyl tin, Mono octyl tin, Di octyl tin, Tri phenyl tin, Tricyclo hexyl tin
SOP/CH/TM-29	Determination of the Disperse dyes & Carcinogens dyestuff in Textile samples. Test Parameters: Disperse blue 1, Disperse blue 7, Disperse blue 3, Disperse red 11, Disperse blue 102, Disperse yellow 1, Disperse yellow 9, Disperse red 17, Disperse blue 106, Disperse orange 3, Disperse yellow 3, Disperse yellow 39, Disperse red 1, Disperse blue 35, Disperse blue 26, Disperse yellow 49, Disperse blue 124, Disperse orange 37, Disperse orange 1, Disperse orange 11, Disperse brown 1, Disperse yellow 23, Disperse orange 149, Solvent yellow 1, Solvent yellow 2, Solvent yellow 3, Acid violet 49, Solvent red 23, Basic red 9, Acid red 26, Direct Red 28, Disperse yellow 3, Disperse Blue 1, Navy Blue, Basic violet 14, Disperse orange 11, Direct Blue 6, Direct Black 38, Basic violet 1, Basic violet 3, Acid Red 14, Basic Red 46, Solvent Blue 4, Naphthol Quinoline
SOP/CH/TM-30	Determination of Alkylphenol ethoxylates (APEOs) and Alkyl phenol (APs) in Textile, Leather & Plastic Samples. Test Parameters: Nonyl phenol, Octyl phenol, Nonyl phenol ethoxylate, Octyl phenol ethoxylate
SOP/CH/TM-37	Determination of Per fluorinated carbons (PFC's) Test Parameters: Perfluoro butanoic acid, Perfluoro pentanoic acid, Perfluoro hexanoic acid, Perfluoro octanoic acid, Perfluoro nonanoic acid, Perfluoro decanoic acid, Perfluoro undecanoic acid, Perfluoro butane sulfonic acid, Perfluoro octane sulfonic acid, Perfluoro decan sulfonic acid, N-Methyl-Perfluoro octane sulphonamide ethanol, 2H,2H,3H,3H-Perfluoroundecanoic acid, 7H-Dodecafluoro heptane carboxylate
SOP/CH/TM-44	Determination of the several Bisphenols in Plastic, textile and coating samples Test Parameter: Bisphenol A, Bisphenol F, Bisphenol B, Bisphenol S, Bisphenol AF
SOP/CH/TM-56	Determination of Volatile Organic Compounds in print, paint, coatings of textile products, leather products and other articles. Test Parameters: Benzene, m-cresol, o-cresol, p-cresol, Xylene, Toluene
SOP/CH/TM-57	Determination of Halogenated solvent in print, paint, coatings of textile products, leather products and other articles. Test Parameters: 1,2-dichloroethane, Methylene chloride, Tetrachloroethylene, Trichloroethylene
SOP/CH/TM-58	Determination of Glycols/glycol ethers in print, paint, coatings of textile products, leather products and other articles. Test Parameters:

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	Ethylene glycol dimethyl ether, Triethylene glycol dimethyl ether
SOP/CH/TM-59	Determination of Antimicrobial and Biocides in print, paint, coatings of textile products, leather products and other articles. Test Parameters: o-Phenyl phenol (+salts), Triclosan, Permethrin
SOP/CH/TM-60	Determination of 2-(2-Aminoethylamino) ethanol (AEEA) in print, paint, coatings of textile products, leather products and other articles. Test Parameters: 2-(2-Aminoethylamino) ethanol (AEEA)
SOP/CH/TM-61	Determination of Thiourea in print, paint, coatings of textile products, leather products and other articles. Test Parameters: Thiourea
SOP/CH/TM-62	Determination of UV absorbers in print, paint, coatings of textile products, leather products and other articles. Test Parameters: 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350), 2-(2H-benzotriazol-2-yl)-4,6-ditertbutylphenol (UV-328), 2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320), 2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)
CHEMICAL – HAZARDOUS & RESTRICTED CHEMICALS Matrix: Toy and Toy products (Paints, varnishes, Lacquers, printing inks, polymers, foams, Textiles, Paper, paper board, Glass, Ceramic, metallic materials, wood, fiber board, hard board, leather, colored solids, chalk, crayons, pliable modeling materials, Clays, plasters, slimes, liquids, Finger paints, Elastomers, Finger paints adhesive tattoos)	
AS/NZS ISO 8124.3	Safety of toys - Migration of certain elements Test Parameters: Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium
ASTM F963	Standard Consumer Safety Specification for Toy Safety Quantification by ICP-OES and ICP-MS Test Parameters: Clause:4.3.5.1 (2) Heavy Element Content in Toys paint and similar surface coating Materials (Barium, Antimony, Arsenic, Cadmium, Chromium, Lead, Mercury, Selenium) Clause:4.3.5.2 Heavy Element Content in Toys substrate Materials (Barium, Antimony, Arsenic, Cadmium, Chromium, Lead, Mercury, Selenium) Clause:8.3 Heavy Element Content in Toys, Toy components and Materials (Barium, Antimony, Arsenic, Cadmium, Chromium, Lead, Mercury, Selenium)
BS EN 71-3	Safety of toys - Part 3: Migration of certain elements Test Parameters: Organic Tin: (Category 1,2 &3) Methyl tin, Dimethyl tin, Butyl tin, Dibutyltin, Tributyltin, Tetrabutyltin, Monoacetylation, Dioctyl tin, Dipropyl tin, Diphenyl tin, Triphenyl tin

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	<p>Migration of Certain Elements: (Category 1,2 &3) Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium (III), Chromium (VI), Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin, Organic tin, Zinc</p>
<p>BS EN 71-9</p>	<p>Safety of toys - Part 9: Organic chemical compounds – Requirements Test Parameters: Flame retardants, Colourants, Primary aromatic amines, Monomers and solvent, Wood Preservative, Preservatives, Plasticisers</p> <p>Flame retardants: Tri-<i>o</i>-cresyl phosphate 78-30-8, Tris(2-chloroethyl) phosphate 115-96-8</p> <p>Colourants: Disperse Blue 1 2475-45-8 Disperse Blue 3 2475-46-9 Disperse Blue 106 12223-01-7 Disperse Blue 124 61951-51-7 Disperse Yellow 3 2832-40-8 Disperse Orange 3 730-40-5 Disperse Orange 37/76 12223-33-5,13301-61-6 Disperse Red 1 2872-52-8 Solvent Yellow 1 60-09-3 Solvent Yellow 2 60-11-7 Solvent Yellow 3 97-56-3 Basic Red 9 569-61-9 Basic Violet 1 8004-87-3 Basic Violet 3 548-62-9 Acid Red 26 3761-53-3 Acid Violet 49 1694-09-3</p> <p>Primary aromatic amines: Benzidine 92-87-5 2-Naphthylamine 91-59-8 4-Chloroaniline 106-47-8 3,3'-Dichlorobenzidine 91-94-1 3,3'-Dimethoxybenzidine 119-90-4 3,3'-Dimethylbenzidine 119-93-7 <i>o</i>-Toluidine 95-53-4 2-Methoxyaniline (<i>o</i>-Anisidine) 90-04-0 Aniline 62-53-3</p> <p>Monomers (migration): Acrylamide 79-06-1 Bisphenol A 80-05-7 Formaldehyde 50-00-0 Phenol 108-95-2 Styrene 100-42-5</p> <p>Solvents (migration): Trichloroethylene 79-01-6 Dichloromethane 75-09-2 2-Methoxyethyl acetate 110-49-6 2-Ethoxyethanol 110-80-5 2-Ethoxyethyl acetate 111-15-9</p>

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	<p>Bis(2-methoxyethyl) ether 111-96-6 2-Methoxypropyl acetate 70657-70-4 3,5,5-Trimethyl-2-cyclohexene-1-one 78-59-1 Toluene 108-88-3 Ethylbenzene 100-41-4 Xylene (all isomers) various Wood preservatives: Outdoor limits: Pentachlorophenol and its salts various Lindane 58-89-9 Wood preservatives: Indoor limits: Cyfluthrin 68359-37-5 Deltamethrin 52918-63-5 Permethrin 52645-53-1 Preservatives (other than wood preservatives): Phenol 108-95-2 1,2-Benzylisothiazolin-3-one 2634-33-5 2-Methyl-4-isothiazolin-3-one 2682-20-4 Formaldehyde (free) 50-00-0 Plasticisers (migration): Triphenyl phosphate 115-86-6 Tri-<i>o</i>-cresyl phosphate 78-30-8 Tri-<i>m</i>-cresyl phosphate 563-04-2 Tri-<i>p</i>-cresyl phosphate 78-32-0</p>
BS EN 71-10	<p>Safety of toys Organic chemical compounds. Sample preparation and extraction Test Parameters: Flame retardants, Colourants, Primary aromatic amines, Monomers and solvent, Wood Preservative, Preservatives, Plasticisers</p> <p><u>Exclusions:</u> Solvents (migration) given in Table 2E – Methanol, Nitrobenzene and Cyclohexanone, Solvents (inhalation) given in Table 2F - 10 analytes, Wood preservatives given in given in Table 2 G- (b) Indoor limits – Cypermethrin and Preservatives (other than wood preservatives) given in Table 2 H- 5 Chloro-2 – methyl-4-isothiazolin-3-one</p>
BS EN 71-11	<p>Safety of toys Organic chemical compounds. Methods of analysis Test Parameters: Flame retardants, Colourants, Primary aromatic amines, Monomers and solvent, Wood Preservative, Preservatives, Plasticisers:</p> <p><u>Exclusions:</u> Solvents (migration) given in Table 2E – Methanol, Nitrobenzene and Cyclohexanone, Solvents (inhalation) given in Table 2F - 10 analytes, Wood preservatives given in given in Table 2 G- (b) Indoor limits – Cypermethrin and Preservatives (other than wood preservatives) given in Table 2 H- 5 Chloro-2 – methyl-4-isothiazolin-3-one</p>
EN 71-12	<p>Safety of toys - Part 12: N-Nitrosamines and N-nitrosatable substances Test Parameter: N-nitroso diethanolamine (NDELA) N-nitrosodimethylamine 62-75-9 (NDMA)</p>

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	<p>N-nitrosodiethylamine 55-18-5 (NDEA) N-nitrosodiisopropylamine 621-64-7 (NDPA) N-nitrosodiisobutylamine 601-77-4 (NDiPA) N-nitrosodibutylamine 924-16-3 (NDBA) N-nitrosodiisobutylamine 997-95-5 (NDiBA) N-nitrosodiisononylamine 1207995-62-7 (NDiNA) N-nitrosomorpholine 59-89-2 (NMOR) N-nitrosopiperidine 100-75-4 (NPIP) N-nitrosodibenzylamine 5336-53-8 (NDBzA) N-nitroso-N-methyl-N-phenylamine 614-00-6 (NMPhA) N-nitroso-N-ethyl-N-phenylamine 612-64-6 (NEPhA)</p>
IS 9873 (Part 3)	<p>Safety requirements for Toys- Part 3: Migration of certain elements Test Parameters: Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium</p>
IS 9873 (Part 6)	<p>Safety of Toys Part 6 Determination of Certain Phthalate Esters in Toys And Children's Products Test Parameters: Benzyl butyl Phthalate, Bis (2-ethylhexyl Phthalates), Di iso Decyl Phthalate, Di iso Nonyl Phthalate, Di-n-Octyl Phthalate, Di n Butyl phthalate</p>
IS 9873 (Part 7)	<p>Safety of Toys- Part 7 Requirements and Test Methods for Finger Paints Test Parameters: Clause 4.2 Colourants Clause 4.4 Migration of certain elements Clause 4.5.1 Primary aromatic amine Clause 4.5.2 Polychlorinated biphenyls, Hexachlorobenzene, Benzo (a) pyrene Clause 4.6 Taste and smell Clause 4.7 pH Clause 4.9 N-nitrosamines Clause 4.10 Container</p>
IS 9873 (Part 9)	<p>Safety of Toys Part 9 Certain Phthalates Esters in Toys and Children's Products Test Parameters: Benzyl butyl Phthalate, Bis (2-ethylhexyl Phthalates), Di iso Decyl Phthalate, Di iso Nonyl Phthalate, Di-n-Octyl Phthalate, Di n Butyl phthalate</p>
ISO 787-9	<p>General methods of test for pigments and extenders - Part 9: Determination of pH value of an aqueous suspension Test Parameters: pH of accessible liquids</p>
ISO 8124-3	<p>Safety of toys - Part 3: Migration of certain elements Test Parameters: Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium</p>
ISO 8124-6	<p>Safety of toys — Part 6: Certain phthalate esters in toys and children's products Test Parameters:</p>

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	Benzyl butyl Phthalate, Bis (2-ethylhexyl Phthalates), Di iso Decyl Phthalate, Di iso Nonyl Phthalate, Di-n-Octyl Phthalate, Di n Butyl phthalate
ISO 8124-7	Safety of toys — Part 7: Requirements and test methods for finger paints Test Parameters: Annex C: Colorant Annex E (Clause 4.5.2 & A.5): Hexachlorobenzene, Polychlorinated biphenyl, Benzo a pyrene. Clause 4.6 & A.7: Taste and Smell Clause 4.10 & A.10: Label containing warning to parents, Taste, Smell Clause 4.9 & A.9: N- Nitroso diethanolamine (NDELA)
SOP/CH/TM-36	Determination of various flame retardants according to EU Toys regulation and others Test Parameters: Tris(1,3-dichloro-isoprpyl) phosphate, Tris(2-chloro-isoprpyl) phosphate, Tris (2,3-dibromopropyl phosphate), Triphenyl phosphate, Tri-O-tolyl phosphate, 3,3,5,5-Tetrabromobisphenol A, 2,2-Bis(chloromethyl)-1,3-prapanediyl tetrakis(2-chloroethyl) bis(phosphate), 4-tert-butyl phenyl diphenyl phosphate, Bis-(2-tertbutyl-butyl phenyl) phenyl phosphate, Tris (2-chloro ethyl) phosphate
CHEMICAL – HAZARDOUS & RESTRICTED CHEMICALS	
Matrix: Wastewater	
ASTM D7065	ASTM D7065-17 - Standard Test Method for Determination of Nonylphenol, Bisphenol A, p-tert-Octylphenol, Nonylphenol Monoethoxylate and Nonylphenol Diethoxylate in Environmental Waters by Gas Chromatography Mass Spectrometry Test Parameters: Octyl phenol (OP), Nonylphenol (NP), Octylphenoethoxylates (OPEOs), Nonylphenol ethoxylates (NPEOs), Bisphenol A, p-tert-Octylphenol
BS EN 12673	Water quality - Gas chromatographic determination of some selected chlorophenols in water Test Parameters: o-Phenyl phenol (+salts), Triclosan, Chlorophenols, FTOH, o-cresol, m-cresol, p-cresol
BS EN ISO 11885	Water quality. Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP-OES) Test Parameter: Heavy metal
BS EN ISO 17852	Water quality. Determination of mercury. Method using a combined preservation and digestion step followed by atomic fluorescence spectrometry Test Parameters: Mercury

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DIN 38407-39	<p>Standard methods for the examination of water, wastewater and sludge - Jointly determinable substances (group F) - Part 39: Determination of selected polycyclic aromatic hydrocarbons (PAH) - Method using gas chromatography with mass spectrometric detection (GC-MS)</p> <p>Test Parameters: Polycyclic aromatic hydrocarbons (PAHs): Benzo(a)pyrene (BaP), Anthracene, Pyrene, Benzo(ghi)perylene, Benzo(e)pyrene, Indeno (1,2,3-cd) pyrene, Benzo(j)fluoranthene, Benzo(b)fluoranthene, Fluoranthene, Benzo(k)fluoranthene, Acenaphthylene, Chrysene, Dibenzo(a,h)anthracene, Benzo(a)anthracene, Acenaphthene, Phenanthrene, Fluorene, Naphthalene.</p>
DIN 38407-42	<p>Standard methods for the examination of water, wastewater and sludge - Jointly determinable substances (group F) - Part 42: Determination of selected polyfluorinated compounds (PFC) in water - Method using high performance liquid chromatography and mass spectrometric detection (HPLC/MS-MS) after solid-liquid extraction</p> <p>Test Parameters: Per fluorinated chemicals (PFCs): Perfluoro-octane-sulfonic acid (PFOS), Perfluoro-octanoic acid (PFOA), Perfluoro-butane-sulfonic acid (PFBS), Perfluoro-hexanoic acid (PFHxA), Perfluoro-heptane-sulfonate (PFHpS), Perfluoro-decane-sulfonic acid (PFDS), Perfluoro-octane-sulfon-amide (PFOSA), Perfluoro-butanoic acid (PFBA), Perfluoro-pentanoic acid (PFPeA), Perfluoro-heptanoic acid (PFHpA), Perfluoro-nonanoic acid (PFNA), Perfluoro-undecanoic acid (PFUdA), Perfluoro-dodecanoic acid (PFDoA), Perfluoro-tridecanoic acid (PFTTrDA), Perfluoro-tetradecanoic acid (PFTeDA), Perfluoro-3-7-dimethyl octane carboxylate (PF-3,7-DMOA), 7H-Dodecafluoro heptane carboxylate (HPFHpA), 2H,2H,-Perfluorodecanoic acid (H2PFDA), 2H,2H,3H,3H-Perfluoro-undecanoic acid (4HPFUaA), 1H,1H,2H,2H-Perfluorooctyl acrylate (6:2 FTA), 1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA), 1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA), 1H,1H,2H,2H-Perfluorohexanol (4:2 FTOH), 1H,1H,2H,2H-Perfluorooctanol (6:2 FTOH), 1H,1H,2H,2H-Perfluorodecanol (8:2 FTOH), 1H,1H,2H,2H-Perfluorododecanol (10:2 FTOH), N-Methyl-perfluoro-octane-sulfon-amido-ethanol (N-Me-FOSE alcohol), N-Ethyl-Perfluoro-octane-sulfon-amido-ethanol (N-Et-FOSE alcohol), N-Methyl-perfluoro-octane-sulfon-amide (N-Me-FOSA), N-Ethyl-perfluoro-octane-sulfon-amide (N-Et-FOSA), Perfluoro-decanoic acid (PFDA)</p>
EN 14362-1	<p>Methods for determination of certain aromatic amines derived from azo colorants — Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres</p> <p>Test Parameters: 2,4 -Xylidine, 2 - Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o- Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p- chloroaniline, p- kresidine, 2 - Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino-diphenylmethane, 3,3- Dimethyl benzidine, 4 - Aminobiphenyl, 4 - Chloro-o- toluidine, 4,4-Oxydianiline, ,4- Methylene-bis-(2- chloroaniline), 4,4- Thiodianiline, 2,4 Toluene diamine</p>

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EN 14362-3	Methods for determination of certain aromatic amines derived from azo colorants — Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene Test Parameter: 4-aminoazobenzene
ISO 7887	Water quality — Examination and determination of colour Test Parameter: Examination of colour
ISO 11423-1	Water quality — Determination of benzene and some derivatives — Part 1: Head-space gas chromatographic method Test Parameters: Benzene, Xylene, o-cresol, p-cresol, m-cresol
ISO 12846	Water quality — Determination of mercury — Method using atomic absorption spectrometry (AAS) with and without enrichment This standard was las Test Parameters: Mercury
ISO 14154	Soil quality — Determination of some selected chlorophenols — Gas-chromatographic method with electron-capture detection Test Parameters: Permethrin
ISO 18254-1	Method for the detection and determination of alkylphenol ethoxylates (APEO) — Part 1: Method using HPLC-MS Test Parameters: Octylphenoethoxylates (OPEOs), Nonylphenol ethoxylates (NPEOs)
ISO 18254-2	Method for the detection and determination of alkylphenol ethoxylates (APEO) — Part 2: Method using NPLC Test Parameters: Octylphenoethoxylates (OPEOs), Nonylphenol ethoxylates (NPEOs)
ISO 18412	Water quality — Determination of chromium (VI) — Photometric method for weakly contaminated water Test Parameter: Chromium (VI)
ISO 18856	Water quality — Determination of selected phthalates using gas chromatography/mass spectrometry Test Parameters: Phthalates: Di-2-ethylhexyl phthalate (DEHP), Dimethoxy ethyl phthalate (DMEP), Di-n-octyl phthalate (DNOP), Di-iso-decyl phthalate (DIDP), Di-iso-nonyl phthalate (DINP), Di-n-hexyl phthalate (DnHP), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Di nonyl phthalate (DNP), Diethyl phthalate (DEP), Di-n-propyl phthalate (DPRP), Di-iso-butyl phthalate (DIBP), Di-cyclohexyl phthalate (DCHP), Di-iso-octyl phthalate (DIOP), 1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP), 1,2-benzenedicarboxylic acid, di-C6-11-branched alkyl esters, C7-rich (DIHP), Dimethyl phthalate (DMP)

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ISO 18857-2	Water quality — Determination of selected alkylphenols — Part 2: Gas chromatographic-mass spectrometric determination of alkylphenols, their ethoxylates and bisphenol A in non-filtered samples following solid-phase extraction and derivatisation Test Parameters: Octyl phenol (OP), Nonylphenol (NP), Octylphenoethoxylates (OPEOs), Nonylphenol ethoxylates (NPEOs)
ISO 20595	Water quality — Determination of selected highly volatile organic compounds in water — Method using gas chromatography and mass spectrometry by static headspace technique (HS-GC-MS) Test Parameter: Benzene
ISO 22032	Water quality — Determination of selected polybrominated diphenyl ethers in sediment and sewage sludge — Method using extraction and gas chromatography/mass spectrometry Test Parameters: Polybrominated diphenyl ethers
NF EN ISO 17353	Water quality — Determination of selected organotin compounds — Gas chromatographic method Test Parameters: Mono-, di- and tri-octyltin derivatives, Dibutyltin (DBT), Tricyclohexyltin (TCyHT), Tripropyltin (TPT), Mono-, di- and tri-methyltin derivatives, Mono-, di- and tri-butyltin derivatives, Mono-, di- and tri-phenyltin derivatives
SOP/CH/TM-65	Carcinogenic dyes and Disperse dyes By Liquid Chromatography-tandem Mass Spectrometry (LC-MS-MS) analysis. Test Parameters: Direct Black 38, Direct Blue 6, Acid Red 26, Basic Red 9, Direct Red 28, Basic Violet 14, Disperse Blue 1, Disperse Blue 3, Basic Blue 26 (with Michler's Ketone > 0.1%), Basic Green 4 (malachite green chloride), Basic Green 4 (malachite green oxalate), Basic Green 4 (malachite green), Disperse Orange 11, Disperse Yellow 1, Disperse Blue 102, Disperse Blue 106, Disperse Yellow 39, Disperse Orange 37/59/76, Disperse Brown 1, Disperse Orange 1, Disperse Yellow 3, Disperse Red 11, Disperse Red 17, Disperse Blue 7, Disperse Blue 26, Disperse Yellow 49, Disperse Blue 35, Disperse Blue 124, Disperse Yellow 9, Disperse Orange 3, Disperse Blue 35
SOP/CH/TM-66	Determination of Navy Blue colourant, liquid extraction analysis by LC-MSMS Test Parameters: Navy Blue
SOP/CH/TM-67	Determination other/Miscellaneous chemicals, liquid extraction analysis by LC-MSMS or ICP-MS Test Parameters: AEEA[2-(2-aminoethylamino) ethanol], Bisphenol A, Thiourea, Quinoline, Borate, zinc salt (determined as total boron and total zinc via ICP)
US EPA 200.7	Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Atomic Emission Spectrometry Test Parameter: Arsenic, Thallium, Vanadium

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US EPA 200.8	Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma-Mass Spectrometry Test Parameter: Arsenic, Thallium, Vanadium
US EPA 527	Determination of Selected Pesticides and Flame Retardants in Drinking Water by Solid Phase Extraction and Capillary Column Gas Chromatography/ Mass Spectrometry (GC/MS) Only Test Parameters: Pentabromodiphenyl ether (BDE-99), Tetrabromodiphenyl ether (BDE-47)
US EPA 537	Determination of selected per fluorinated alkyl acids in drinking water by solid phase extraction and liquid chromatography/tandem mass spectrometry (lc/ms/ms) Test Parameters: Perfluoro octane sulfonate (PFOS) and related substances, Perfluorooctanoic acid (PFOA), Perfluorooctanoic acid (PFOA) related substances
US EPA 6010c	EPA Method 6010C (SW-846): Inductively Coupled Plasma - Atomic Emission Spectrometry Test Parameter: Arsenic, Thallium, Vanadium
US EPA 6020a	Determination of Dissolved Hexavalent Chromium in Drinking Water, Groundwater, and Industrial Wastewater Effluents by Ion Chromatography Test Parameter: Chromium (VI)
US EPA 8260B	Volatile organic compounds by gas chromatography/ Mass spectrometry (gc/ms) Test Parameters: Chlorobenzene and chlorotoluene :Chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3,5-Trichlorobenzene, 1,2,3,4-Tetrachlorobenzene, 1,2,3,5-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, Pentachlorobenzene, Hexachlorobenzene, 2-Chlorotoluene, 3-Chlorotoluene, 4-Chlorotoluene, 2,3-Dichlorotoluene, 2,4-Dichlorotoluene, 2,5-Dichlorotoluene, 2,6-Dichlorotoluene, 3,4-Dichlorotoluene, 3,5-Dichlorotoluene, 2,3,4-Trichlorotoluene, 2,3,6-Trichlorotoluene, 2,4,5-Trichlorotoluene, 2,4,6-Trichlorotoluene, 3,4,5-Trichlorotoluene, 2,3,4,5-Tetrachlorotoluene, 2,3,5,6-Tetrachlorotoluene, 2,3,4,6-Tetrachlorotoluene, Penta chlorotoluene Chlorinated Solvent: 1,2-Dichloroethane, Methylene chloride, Trichloroethene, Tetrachloroethene, 1,1-Dichloroethylene, cis-1,2-Dichloroethylene, trans-1,2-Dichloroethylene, Chloroform, 1,1,1-Trichloroethane, Carbon tetrachloride, 1,1,2-Trichloroethane, 1,1,1,2-Tetrachloroethane
US EPA 8260D	Volatile organic compounds by gas chromatography/mass Spectrometry Test Parameters: Halogenated Solvent 1,2-dichloroethane, Methylene chloride, Tetrachloroethylene, Trichloroethylene Volatile organic compounds (VOCs): Benzene, Xylene, Toluene

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US EPA 8270	<p>Determination of the amount of semi-volatile organic compounds in soils, water and solid waste matrices</p> <p>Test Parameters:</p> <p>Brominated flame retardants: Decabromodiphenyl ether (DecaBDE), Pentabromodiphenyl ether (PentaBDE), Octabromodiphenyl ether (OctaBDE), Tris (1-aziridinylphosphine oxide) (TEPA), Polybromobiphenyls (PBBs), Tris (2,3-dibromopropyl phosphate) (TRIS), Polybromodiphenyl ethers (PBDEs), Tetrabromobisphenol A (TBBPA), Bis(2,3-dibromopropyl) phosphate, Hexabromocyclododecane (HBCDD), 2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)</p> <p>Chlorinated flame retardants: Tris(2-chloroethyl) phosphate (TCEP), Tris(1,3-dichloro-isopropyl) phosphate (TDCP)</p> <p>Short chain chlorinated paraffins (SCCPs) (C10 – C13): Short chain chlorinated paraffins (SCCPs)</p> <p>Glycols: Bis(2-methoxyethyl)-ether, 2-ethoxyethanol, 2-ethoxyethyl acetate, Ethylene glycol dimethyl ether, 2-methoxyethanol, 2-methoxyethylacetate, 2-methoxypropylacetate, Diethylene glycol dimethyl ether</p> <p>Phthalates: Di-2-ethylhexyl phthalate (DEHP), Dimethoxy ethyl phthalate (DMEP), Di-n-octyl phthalate (DNOP), Di-iso-decyl phthalate (DIDP), Di-iso-nonyl phthalate (DINP), Di-n-hexyl phthalate (DnHP), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Di nonyl phthalate (DNP), Diethyl phthalate (DEP), Di-n-propyl phthalate (DPRP), Di-iso-butyl phthalate (DIBP), Di-cyclohexyl phthalate (DCHP), Di-iso-octyl phthalate (DIOP), 1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP), 1,2-benzenedicarboxylic acid, di-C6-11-branched alkyl esters, C7-rich (DIHP), Dimethyl phthalate (DMP)</p> <p>Polycyclic aromatic hydrocarbons (PAHs): Benzo(a)pyrene (BaP), Anthracene, Pyrene, Benzo(ghi)perylene, Benzo(e)pyrene, Indeno (1,2,3-cd) pyrene, Benzo(j)fluoranthene, Benzo(b)fluoranthene, Fluoranthene, Benzo(k)fluoranthene, Acenaphthylene, Chrysene, Dibenzo(a,h)anthracene, Benzo(a)anthracene, Acenaphthene, Phenanthrene, Fluorene, Naphthalene</p> <p>PFCs: perfluoro octane sulfonate (PFOS) and related substances, Perfluorooctanoic acid (PFOA) and related substances.</p> <p>Restricted Aromatic Amines (Cleavable from Azo-colourants): 2,4 -Xylidine, 2 - Naphthylamine, 4,4-Diamino- diphenylmethane, Benzidine, o-Amino azo toluene, o- Anisidine, o- Toluidine, p- Amino azo benzene, p-chloroaniline, p- kresidine, 2 - Amino-4-nitrotoluene, 2,4-Diamino anisole, 2,4,5- Trimethylaniline, 2,6-Xylidine, 3,3- Dichlorobenzidine, 3,3- Dimethoxy benzidine, 3,3- Dimethyl-4,4- diamino-diphenylmethane, 3,3- Dimethyl benzidine, 4 - Aminobiphenyl, 4 - Chloro-o-toluidine, 4,4-Oxydianiline, 4- Methylene-bis-(2- chloroaniline), 4,4-Thiodianiline, 2,4 Toluene diamine</p> <p>UV Absorbers: 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6- (sec- butyl) phenol (UV-350), 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328), 2-benzotriazol-2-yl-4,6-di-tertbutyl phenol (UV-320), 2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)</p> <p>Volatile Organic Compounds: o-cresol, m-cresol, p-cresol</p>
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US EPA 8270D	<p>Semi volatile organic compounds By gas chromatography/mass spectrometry</p> <p>Test Parameters:</p> <p>Chlorobenzene and chlorotoluene: Chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3,5-Trichlorobenzene, 1,2,3,4-Tetrachlorobenzene, 1,2,3,5-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, Pentachlorobenzene, Hexachlorobenzene, 2-Chlorotoluene, 3-Chlorotoluene, 4-Chlorotoluene, 2,3-Dichlorotoluene, 2,4-Dichlorotoluene, 2,5-Dichlorotoluene, 2,6-Dichlorotoluene, 3,4-Dichlorotoluene, 3,5-Dichlorotoluene, 2,3,4-Trichlorotoluene, 2,3,6-Trichlorotoluene, 2,4,5-Trichlorotoluene, 2,4,6-Trichlorotoluene, 3,4,5-Trichlorotoluene, 2,3,4,5-Tetrachlorotoluene, 2,3,5,6-Tetrachlorotoluene, 2,3,4,6-Tetrachlorotoluene, Penta chlorotoluene</p> <p>Chlorophenols: 2-Chlorophenol, 3-Chlorophenol, 4-Chlorophenol, 2,3-Dichlorophenol, 2,4-Dichlorophenol, 2,5-Dichlorophenol, 2,6-Dichlorophenol, 3,4-Dichlorophenol, 3,5-Dichlorophenol, 2,3,4-Trichlorophenol, 2,3,5-Trichlorophenol, 2,3,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 3,4,5-Trichlorophenol, 2,3,4,5-Tetrachlorophenol, 2,3,4,6-Tetrachlorophenol, 2,3,5,6-Tetrachlorophenol, Pentachlorophenol (PCP)</p> <p>Volatile organic compounds (VOCs):</p> <p>Benzene, Xylene, o-cresol, p-cresol, m-cresol</p>
US EPA 8270E	<p>Determination of semi volatile organic compounds by Gas chromatography/Mass spectrometry</p> <p>Test Parameters:</p> <p>Anti-microbials and Biocides:</p> <p>o-Phenyl phenol (+salts), Triclosan, Permethrin,</p> <p>Dimethyl formamide:</p> <p>N, N dimethyl formamide (DMFa)</p> <p>Chlorophenols:</p> <p>2-Chlorophenol, 3-Chlorophenol, 4-Chlorophenol, 2,3-Dichlorophenol, 2,4-Dichlorophenol, 2,5-Dichlorophenol, 2,6-Dichlorophenol, 3,4-Dichlorophenol, 3,5-Dichlorophenol, 2,3,4-Trichlorophenol, 2,3,5-Trichlorophenol, 2,3,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 3,4,5-Trichlorophenol, 2,3,4,5-Tetrachlorophenol, 2,3,4,6-Tetrachlorophenol, 2,3,5,6-Tetrachlorophenol, Pentachlorophenol (PCP)</p> <p>Flame Retardants:</p> <p>Decabromodiphenyl ether (DecaBDE), Pentabromodiphenyl ether (PentaBDE), Octabromodiphenyl ether (OctaBDE), Tris (1-aziridinylphosphine oxide) (TEPA), Polybromobiphenyls (PBBs), Tris (2,3-dibromopropyl phosphate) (TRIS), Polybromodiphenyl ethers (PBDEs), Tetrabromobisphenol A (TBBPA), Bis(2,3-dibromopropyl) phosphate, Hexabromocyclododecane (HBCDD), 2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)</p> <p>Glycols/Glycol ethers:</p> <p>Bis(2-methoxyethyl)-ether, 2-ethoxyethanol, 2-ethoxyethyl acetate, Ethylene glycol dimethyl ether, 2-methoxyethanol, 2-methoxyethylacetate, 2-methoxypropylacetate, Diethylene glycol dimethyl ether</p>
US EPA 8321B	<p>Solvent-extractable nonvolatile compounds by High-performance liquid chromatography/thermos pray/mass Spectrometry (hplc/ts/ms) or ultraviolet (uv) detection</p> <p>Test Parameters:</p>

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	Decabromodiphenyl ether (DecaBDE), Pentabromodiphenyl ether (PentaBDE), Octabromodiphenyl ether (OctaBDE), Tris (1-aziridinylphosphine oxide) (TEPA), Polybromobiphenyls (PBBs), Tris (2,3-dibromopropyl phosphate) (TRIS), Polybromodiphenyl ethers (PBDEs), Tetrabromobisphenol A (TBBPA), Bis(2,3-dibromopropyl) phosphate, Hexabromocyclododecane (HBCDD), 2,2-Bis(bromomethyl)-1,3-propanediol (BBMP) UV Absorbers: 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6- (sec- butyl) phenol (UV-350), 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328), 2-benzotriazol-2-yl-4,6-di-tertbutyl phenol (UV-320), 2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)
MECHANICAL Matrix: Leather and its products, footwear, and its materials	
ASTM F2412	Standard test methods foot protection Exclusion: Clause 9 Electrical Hazard Resistant Footwear Clause 10 Static dissipative Footwear (SD)
ASTM F2413	Standard specification for performance Requirement for protective (Safety) Toe cap Footwear Exclusion Clause 5.6 Electrical Hazard Resistant Footwear (EH) Clause 5.7 Static dissipative Footwear (SD)
BS 903: A9	Methods of testing vulcanized rubber Determination of abrasion resistance. Akron and Taber methods
BS 3144 (Part 5)	Tensile Strength
BS 3144 (Part 6)	Tear Strength
BS 3144 (Part 7)	Grain Crack
BS 3144 (Part 13)	Flexing Endurance (Bally)
BS 3144 (Part 15)	Scuff Resistance by Impact
BS 3144 (Part 24)	Water Vapour Permeability
BS 5131: 2.1	Methods Of Test for Footwear and Footwear Materials - Solings - Ross Flexing Method for Cut Growth Resistance of Soling Materials
BS 5131: 4.2	Methods of Test for Footwear and Footwear Materials - Part 4: Other Components - Section 4.2 Flexing Index of Fibreboard
BS 5131: 4.8	Methods of test for footwear and footwear materials. Other components. Resistance of heels of ladies' shoes to lateral impact
BS 5131: 4.9	Methods Of Test for Footwear and Footwear Materials - Other Components - Fatigue Resistance of Heels of Ladies' Shoes
BS 5131: 5.1	Methods Of Test for Footwear and Footwear Materials - Testing of Complete Footwear - Adhesion of Stuck-On and Moulded-On Soles

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BS 5131: 5.4	Sole Bond Peeling Strength
BS 5131: 5.9	Methods Of Test for Footwear And Footwear Materials - Testing Of Complete Footwear - Strength Of Top Piece Attachment To Shoe Heels
BS 5131: 5.10	Heel Attachment
BS 5131: 5.11	Determination of the strength of buckle fastening assemblies
BS EN 348	Determination of behavior of materials on impact of small splashes of molten metal
BS EN 388:2016+A1	Protective gloves against mechanical risk Excluding: - Clause 4.2.2 Impact protection test Clause 6.3 Cut Resistance
BS EN 407	Protective gloves and other hand protective equipments against thermal risks (heat and /or Fire) Excluding: - Large quantities of Molten Metal
BS EN 659+A1	Protective gloves for firefighters Exclusion Clause 3.11 Heat resistance of the lining material Clause 3.12 Heat shrinkage Clause 3.15 Time for the removal of gloves Clause 3.17 Whole glove integrity test, Clause 3.17 Clause 3.18 Resistance to liquid chemical penetration
BS EN 12568	Foot and leg protectors. Requirements and test methods for toecaps and penetration resistant inserts
BS EN 12785	Heel Attachment
BS EN ISO 6942: method B	Protection against heat and fire — Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat
BS EN ISO 7854	Rubber- or plastics-coated fabrics. Determination of resistance to damage by flexing
BS EN ISO 20344	Personal Protective Equipment Test method for Footwear
BS EN ISO 20345	Personal Protective Equipment (Safety Footwear)
BS EN ISO 20346	Personal Protective Equipment (Protective Footwear)
BS EN ISO 20347	Personal protective equipment — Occupational footwear
BS EN ISO 21420	Protective gloves - General Requirements and test method Excluding: - Electrostatic properties
BS EN ISO 22568-1	Foot and leg protectors. Requirements and test methods for Footwear components (Part 1: Metallic Toecaps)

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BS EN ISO 22568-2	Foot and leg protectors. Requirements and test methods for Footwear components (Part 2: Non-Metallic Toecaps)
BS EN ISO 22568-3	Foot and leg protectors. Requirements and test methods for Footwear components (Part 3: Metallic perforation resistant inserts)
BS EN ISO 22568-4	Foot and leg protectors. Requirements and test methods for Footwear components (Part 4: Non-Metallic perforation resistant inserts)
DIN 53543	Sole Flexing (Benewart)
EN 407	Protective gloves and other hand protective equipments against thermal risks (heat and /or Fire) Excluding: - Large quantities of Molten Metal
EN 12477 + A1	PROTECTIVE GLOVES FOR WELDERS Excluding: - Large quantities of Molten Metal
EN ISO 15025	Protection against flame — Method of test for limited flame spread
EN ISO 20344	Personal Protective Equipment Test method for Footwear
EN ISO 20345	Personal Protective Equipment (Safety Footwear)
EN ISO 20346	Personal Protective Equipment (Protective Footwear)
EN ISO 20347	Personal protective equipment — Occupational footwear
EN ISO 21420	Protective gloves - General Requirements and test method Excluding: - Electrostatic properties
EN ISO 22568-1	Foot and leg protectors. Requirements and test methods for Footwear components (Part 1: Metallic Toecaps)
EN ISO 22568-2	Foot and leg protectors. Requirements and test methods for Footwear components (Part 2: Non-Metallic Toecaps)
EN ISO 22568-3	Foot and leg protectors. Requirements and test methods for Footwear components (Part 3: Metallic perforation resistant inserts)
EN ISO 22568-4	Foot and leg protectors. Requirements and test methods for Footwear components (Part 4: Non-Metallic perforation resistant inserts)
IS 15298-1	Personal Protective Equipment Part 1 Test method for Footwear
IS 15298-2	Personal Protective Equipment Part 2 Safety Footwear
IS 15298-3	Personal Protective Equipment Part 3 Protective Footwear
IS 15298-4	Personal Protective Equipment, Part 4: Occupational Footwear
ISO 48 (Part 2)	Rubber, vulcanized or thermoplastic — Determination of hardness — Part 2: Only Method N, 30 to 95 IRHD

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ISO 3376	Physical and mechanical tests — Determination of tensile strength and percentage elongation
ISO 3377 (Part 1)	Determination of tear load — Part 1: Single edge tear
ISO 3377 (Part 2)	tear strength of leather using a double-edged tear
ISO 3378	Physical and mechanical tests — Determination of resistance to grain cracking and grain crack index
ISO 4649	Rubber, vulcanized or thermoplastic — Determination of the resistance of rubber to abrasion by means of a rotating cylindrical drum device
ISO 4674 (Part 2)	Determination of tear resistance - Part 2: Ballistic pendulum method
ISO 5402 (Part 1)	Leather — Determination of flex resistance — Part 1: Flexometer method
ISO 11611	Protective clothing for use in welding & allied processes Exclusion: Clause 4 General and design requirements Clause 6.10 Electrical Resistance
ISO 11644	Adhesion of Finish
ISO 13287	Test method for slip resistance
ISO 14268	Method for determining the water vapour permeability of leather
ISO 14268	Leather — Physical and mechanical tests — Determination of water vapour permeability
ISO 17707	Method for determining the flex resistance of outsoles
ISO 17707	Footwear — Test methods for outsoles — Flex resistance
ISO 17708	Upper sole adhesion
ISO 20344	Personal Protective Equipment Test method for Footwear
ISO 20345	Personal Protective Equipment (Safety Footwear)
ISO 20346	Personal Protective Equipment (Protective Footwear)
ISO 20347	Personal protective equipment — Occupational footwear
ISO 21420	Protective gloves - General Requirements and test method Excluding: - Electrostatic properties
ISO 22568-1	Foot and leg protectors. Requirements and test methods for Footwear components (Part 1: Metallic Toecaps)
ISO 22568-2	Foot and leg protectors. Requirements and test methods for Footwear components (Part 2: Non-Metallic Toecaps)

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ISO 22568-3	Foot and leg protectors. Requirements and test methods for Footwear components (Part 3: Metallic perforation resistant inserts)
ISO 22568-4	Foot and leg protectors. Requirements and test methods for Footwear components (Part 4: Non-Metallic perforation resistant inserts)
ISO 22776	Test methods for accessories: Touch and close fasteners — Shear strength before and after repeated closing
ISO 22777	Test methods for accessories: Touch and close fasteners — Peel strength before and after repeated closing
SATRA TM 3	Fiber Board Flexing (Flexing Index)
SATRA TM 20	Lateral impact test for shoe heels
SATRA TM 21	Fatigue test for shoe heels
SATRA TM 25	Vamp flex test - resistance to creasing and cracking
SATRA TM 30	Tear strength - trouser leg method
SATRA TM 31	Abrasion Resistance - Martindale Method
SATRA TM 38	Impact Scuff test for Upper leather
SATRA TM 43	Tensile strength and extension at break of leather
SATRA TM 48	Determination of grain crack index for sole leathers
SATRA TM 55	Flexing resistance of upper materials - Bally flexometer
SATRA TM 58	Stiffness of steel shanks
SATRA TM 60	Ross flex test - resistance to cut growth on flexing
SATRA TM 64	Compression set
SATRA TM 92	Resistance of footwear to flexing
SATRA TM 93	Abrasion between shoelaces and eyelets
SATRA TM 108	Strength of top-piece attachment
SATRA TM 113	Measurement of the strength of attachment of heels to footwear and the backpart rigidity of such footwear
SATRA TM 117	Attachment strength of decorative bows
SATRA TM 118	Strength of sandal toe posts
SATRA TM 123	Closure strength of touch and close fasteners
SATRA TM 133	Resistance to crack initiation and growth - belt flex method
SATRA TM 144	Friction (slip resistance) of footwear and floorings

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SATRA TM 154	Shoelace to shoelace and shoelace to lace carrier abrasion
SATRA TM 161	Bennewart flex test - resistance to cut growth on flexing
SATRA TM 162	Tear strength - Baumann method
SATRA TM 172	Water Vapour Permeability
SATRA TM 174	Abrasion resistance - rotating drum method
SATRA TM 178	Water vapour absorption
SATRA TM 179	Tear strength - wing rip method
SATRA TM 181	Strength of buckle and strap attachments
SATRA TM 205	Hardness of rubber, polyurethane and plastics - durometer method
SATRA TM 223	Floor marking by solings or top pieces
SATRA TM 404	Rapid Sole Adhesion Test - For Complete Footwear
SATRA TM 411	Peel strength of footwear sole bonds
MECHANICAL	
Matrix: Rubber and its products	
ASTM D412	Tensile Strength and Elongation at Break
ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension
ASTM D3577	Standard Specification for Rubber Surgical Gloves Excluding: Sterility Test, Powder Free Gloves, Aqueous Extractable Protein Content, Powdered Glove, Antigenic Protein Content
BS EN 455-1	Medical gloves for single use- Requirements and testing for freedom from holes
BS EN 455-2	Medical gloves for single use Part 2: Requirements and testing for physical properties
IS 3400: Part 1	Methods of Test for Vulcanized Rubber Part 1 Tensile Stress-Strain Properties
IS 3400: Part 4	Methods of Test for Vulcanized Rubbers Part 4 Accelerated Ageing and Heat Resistance
IS 4148	Surgical Rubber Gloves Specification
IS 13422	Disposable Surgical Rubber Gloves-Specification
IS 15354-Part 1	Single Use Rubber Examination Gloves- Specification
ISO 37	Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties

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ISO 188	Rubber, vulcanized or thermoplastic — Accelerated ageing and heat resistance tests
MECHANICAL	
Matrix: Textiles (Apparels/ Garment/ Finished Fabric, Carpets and Rugs, Upholstery Fabric/ Product, Other)	
16 CFR 1500.48	Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of age.
16 CFR 1500.49	Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age.
16 CFR 1500.51	Test methods for simulating use and abuse of toys and other articles intended for use by children 18 months of age or less
16 CFR 1500.52	Test methods for simulating use and abuse of toys and other articles intended for use by children over 18 but not over 36 months of age.
16 CFR 1500.53	Test methods for simulating use and abuse of toys and other articles intended for use by children over 36 but not over 96 months of age.
16 CFR 1501	Method for identifying toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts
16 CFR 1610	Standard for the flammability of clothing textiles
16 CFR 1615	Standard For the Flammability Of Children's Sleepwear: Sizes 0 Through 6x (FF 3-71)
16 CFR 1616	Standard For the Flammability Of Children's Sleepwear: Sizes 7 Through 14 (FF 5-74)
16 CFR 1630	Standard for the surface flammability of carpets and rugs (ff 1-70)
16 CFR 1631	Standard for the surface flammability of carpets and rugs (ff 2-70)
AATCC TM93	Test Method for Abrasion Resistance of Fabrics: Accelerator
AS/NZS 1249	Children's nightwear and limited daywear having reduced fire hazard
ASTM D434	Standard Test Method for Resistance to Slippage of Yarns in Woven Fabrics Using a Standard Seam
ASTM D1230	Standard Test Method for Flammability of Apparel Textiles
ASTM D1424	Standard Test Method for Tearing Strength of Fabrics by Falling-Pendulum (Elmendorf-Type) Apparatus
ASTM D1683/D1683M	Standard Test Method for Failure in Sewn Seams of Woven Fabrics
ASTM D2061	Standard Test Methods for Strength Tests for Zippers
ASTM D2062	Standard Test Methods for Operability of Zippers

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ASTM D2261	Standard Test Method for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure (Constant-Rate-of-Extension Tensile Testing Machine)
ASTM D2594/D2594M	Standard Test Method for Stretch Properties of Knitted Fabrics Having Low Power
ASTM D2859	Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials
ASTM D3107	Standard Test Methods for Stretch Properties of Fabrics Woven from Stretch Yarns
ASTM D3512/D3512M	Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Random Tumble Pilling Tester
ASTM D3514/D3514M	Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Elastomeric Pad
ASTM D3774	Standard Test Method for Width of Textile Fabric
ASTM D3775	Standard Test Method for End (Warp) and Pick (Filling) Count of Woven Fabrics
ASTM D3776/D3776M	Standard Test Methods for Mass Per Unit Area (Weight) of Fabric
ASTM D3786/D3786M	Standard Test Method for Bursting Strength of Textile Fabrics—Diaphragm Bursting Strength Tester Method
ASTM D3882	Standard Test Method for Bow and Skew in Woven and Knitted Fabrics
ASTM D3885	Standard Test Method for Abrasion Resistance of Textile Fabrics (Flexing and Abrasion Method)
ASTM D3886	Standard Test Method for Abrasion Resistance of Textile Fabrics (Inflated Diaphragm Apparatus)
ASTM D4151	Standard Test Method for Flammability of Blankets
ASTM D4966	Standard Test Method for Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method)
ASTM D4970/D4970M	Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Martindale Tester
ASTM D5034	Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM D5035	Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method)
ASTM D7142	Standard Test Method for Holding Strength of Prong-Ring Attached Snap Fasteners
ASTM D7506/D7506M	Standard Test Method for Pocket Reinforcement

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ASTM F88/F88M	Standard Test Method for Seal Strength of Flexible Barrier Materials
ASTM F963-17	Standard consumer safety for toy Safety: Only Following Clauses 4.6: Small Objects (except labeling and/or instructional literature requirements) 4.7: Accessible Edges 4.9: Accessible Points
ASTM F1816	Standard Safety Specification for Drawstrings on Children's Upper Outerwear
ASTM F1929	Standard Test Method for Detecting Seal Leaks in Porous Medical Packaging by Dye Penetration
BS 2471	Textiles. Woven fabrics. Determination of mass per unit length and mass per unit area
BS 2819:1990+A2	Methods for determination of bow, skew and lengthway distortion in knitted fabrics
BS 4569	Method of test for ignitability (surface flash) of pile fabrics and assemblies having pile on the surface
BS 4790	Method for determination of the effects of a small source of ignition on textile floor coverings (hot metal nut method)
BS 5441	Methods of test for knitted fabrics (Fabric count only)
BS 6307	Method for determination of the effects of a small source of ignition on textile floor coverings (methenamine tablet test)
BS 8479	Textiles - Method for determination of the propensity of fabrics to snagging. Rotating chamber method
BS EN 597 (Part 1)	Furniture - Assessment of the ignitability of mattresses and upholstered bed bases Ignition source smouldering cigarette
BS EN 597 (Part 2)	Furniture - Assessment of the ignitability of mattresses and upholstered bed bases Ignition source: match flame equivalent
BS EN 1021-1	Furniture. Assessment of the ignitability of upholstered furniture Ignition source smouldering cigarette
BS EN 1021-2	Furniture. Assessment of the ignitability of upholstered furniture Ignition source match flame equivalent
BS EN 1049-2	Textiles. Woven fabrics. Construction. Methods of analysis. Determination of number of threads per unit length
BS EN 1102	Textiles and textile products. Burning behavior. Curtains and drapes. Detailed procedure to determine the flame spread of vertically oriented specimens
BS EN 1813	Textile floor coverings - Determination of wool fibre integrity using an abrasion machine

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BS EN 14682	Safety of children's clothing. Cords and drawstrings on children's clothing. Specifications
BS EN ISO 137	Wool — Determination of fibre diameter — Projection microscope method
BS EN ISO 2060	Textiles — Yarn from packages — Determination of linear density (mass per unit length) by the skein method
BS EN ISO 2061	Textiles — Determination of twist in yarns — Direct counting method
BS EN ISO 3801	Textiles — Woven fabrics — Determination of mass per unit length and mass per unit area
BS EN ISO 5079	Textile fibres — Determination of breaking force and elongation at break of individual fibres
BS EN ISO 6941	Textile fabrics - Burning behaviour - Measurement of flame spread properties of vertically oriented specimens
BS EN ISO 12127-1	Clothing for protection against heat and flame — Determination of contact heat transmission through protective clothing or constituent materials — Part 1: Contact heat produced by heating cylinder
BS EN ISO 12945-1	Textiles. Determination of fabric propensity to surface pilling, fuzzing or matting Pilling box method
BS EN ISO 12945-2	Textiles. Determination of fabric propensity to surface pilling, fuzzing or matting Modified Martindale method
BS EN ISO 12947-1	Textiles. Determination of the abrasion resistance of fabrics by the Martindale method Martindale abrasion testing apparatus
BS EN ISO 12947-2	Textiles. Determination of the abrasion resistance of fabrics by the Martindale method Determination of specimen breakdown
BS EN ISO 12952-1	Textiles — Assessment of the ignitability of bedding items — Part 1: Ignition source: smouldering cigarette
BS EN ISO 12952-2	Textiles — Assessment of the ignitability of bedding items — Part 2: Ignition source: match-flame equivalent
BS EN ISO 13934-1	Textiles. Tensile properties of fabrics Determination of maximum force and elongation at maximum force using the strip method
BS EN ISO 13934-2	Textiles. Tensile properties of fabrics Determination of maximum force using the grab method
BS EN ISO 13935-2	Textiles - Seam tensile properties of fabrics and made-up textile articles Determination of maximum force to seam rupture using the grab method
BS EN ISO 13936-1	Textiles. Determination of the slippage resistance of yarns at a seam in woven fabrics Fixed seam opening method
BS EN ISO 13936-2	Textiles. Determination of the slippage resistance of yarns at a seam in woven fabrics Fixed load method

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BS EN ISO 13937-1	Textiles - Tear properties of fabrics Determination of tear force using ballistic pendulum method (Elmendorf)
BS EN ISO 13937-2	Textiles - Tear properties of fabrics Determination of tear force of trouser-shaped test specimens (single tear method)
BS EN ISO 13937-3	Textiles. Tear properties of fabrics Determination of tear force of wing-shaped test specimens (single tear method)
BS EN ISO 13938-1	Textiles - Bursting properties of fabrics Hydraulic method for determination of bursting strength and bursting distension
BS EN ISO 13938-2	Textiles. Bursting properties of fabrics Pneumatic method for determination of bursting strength and bursting distension
BS EN SO 13935-1	Textiles — Seam tensile properties of fabrics and made-up textile articles — Part 1: Determination of maximum force to seam rupture using the strip method
BS ISO 6989, Method C	Textile fibres — Determination of length and length distribution of staple fibres (by measurement of single fibres) Method C – Use of a Semi-Automatic Apparatus
CA TB 117	Requirements, test procedure and apparatus for testing the smolder resistance of materials used in upholstered furniture
CPSC 208	CPSC Drawstrings Guideline on Children's upper outer wear / clothing) Presence of drawstrings at Hood & Neck area. b) Presence of drawstrings at Waist & Bottom area or lower of garments. c) If Present: i) Is the length of drawstring outside drawstring channel more than 75 mm when the garment is expanded to its fullest width. ii) Presence of Toggles, Knots, or any other decorative attachments at the free end of drawstring. iii) Is the drawstring bar tacked, if it is one continuous string?
EN 597-1	Furniture - Assessment of the ignitability of mattresses and upholstered bed bases - Part 1: Ignition source smouldering cigarette
EN 597-2	Furniture - Assessment of the ignitability of mattresses and upholstered bed bases - Part 2: Ignition source: match flame equivalent
EN 1102	Textiles and textile products. Burning behavior. Curtains and drapes. Detailed procedure to determine the flame spread of vertically oriented specimens
EN 1103	Textiles - Fabrics for apparel - Detailed procedure to determine the burning behaviour
EN 14878	Textiles - Burning behaviour of children's nightwear - Specification
EN ISO 137	Wool — Determination of fibre diameter — Projection microscope method
EN ISO 2060	Textiles — Yarn from packages — Determination of linear density (mass per unit length) by the skein method
EN ISO 2061	Textiles — Determination of twist in yarns — Direct counting method

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EN ISO 3801	Textiles — Woven fabrics — Determination of mass per unit length and mass per unit area
EN ISO 5079	Textile fibres — Determination of breaking force and elongation at break of individual fibres
EN ISO 6941	Textile fabrics - Burning behaviour - Measurement of flame spread properties of vertically oriented specimens
EN ISO 12127-1	Clothing for protection against heat and flame — Determination of contact heat transmission through protective clothing or constituent materials — Part 1: Contact heat produced by heating cylinder
EN ISO 12945-1	Textiles. Determination of fabric propensity to surface pilling, fuzzing or matting Pilling box method
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EN ISO 13935-1	Textiles — Seam tensile properties of fabrics and made-up textile articles — Part 1: Determination of maximum force to seam rupture using the strip method
EN ISO 13935-2	Textiles - Seam tensile properties of fabrics and made-up textile articles Determination of maximum force to seam rupture using the grab method
EN ISO 13936-1	Textiles - Determination of the slippage resistance of yarns at a seam in woven fabric: Fixed seam opening method
EN ISO 13936-2	Textiles — Determination of the slippage resistance of yarns at a seam in woven fabrics: Fixed load method
EN ISO 13937-1	Textiles - Tear properties of fabrics Determination of tear force using ballistic pendulum method (Elmendorf)
EN ISO 13937-2	Textiles - Tear properties of fabrics Determination of tear force of trouser-shaped test specimens (single tear method)

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EN ISO 13937-3	Textiles. Tear properties of fabrics Determination of tear force of wing-shaped test specimens (single tear method)
EN ISO 13938-1	Textiles - Bursting properties of fabrics Hydraulic method for determination of bursting strength and bursting distension
EN ISO 13938-2	Textiles. Bursting properties of fabrics Pneumatic method for determination of bursting strength and bursting distension
EN ISO 20932-1, Amendment 1	Textiles - Determination of the elasticity of fabrics - Part 1: Strip tests
FZ/T 81007-2012 Section 4.4.17 & Annex A	Casual wear - Test method for determining the seam slippage
FZ/T 81007-2012 Section 4.4.18 & Annex B	Casual wear - Determination of the seam strength of back rise seam
GB/T 3917.1	Textiles. Tear properties of fabrics. Part 1: Determination of tear force using ballistic pendulum method (Elmendorf)
GB/T 3923.1	Textiles - Tensile Properties of Fabrics - Part 1. Determination of Maximum Force and Elongation at Maximum Force Using the Strip Method
GB/T 3923.2	Textiles - Tensile Properties of Fabrics - Part 2. Determination of Maximum Force Using the Grab Method
GB/T 4802.1	Textiles - Determination of Fabric Propensity to Surface Fuzzing and to Pilling – Part 1. Circular Locus Method
GB/T 14644	Textiles – Burning Behaviour - 45° Test Determination of Flame Spread Rate
GB/T 19976	Textiles - Determination of Bursting Strength - Steel Ball Method
GB/T 31702	Testing method for sharpness of attached components on textile products
IS 832: PART 1	Textiles Determination of twist in yarns Part 1 Direct counting method
ISO 137	Wool — Determination of fibre diameter — Projection microscope method
ISO 2060	Textiles — Yarn from packages — Determination of linear density (mass per unit length) by the skein method
ISO 2061	Textiles — Determination of twist in yarns — Direct counting method
ISO 3801	Textiles — Woven fabrics — Determination of mass per unit length and mass per unit area
ISO 4919	Carpets — Determination of tuft withdrawal force
ISO 5079	Textile fibres — Determination of breaking force and elongation at break of individual fibres
ISO 6941	Textile fabrics - Burning behaviour - Measurement of flame spread properties of vertically oriented specimens

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ISO 6989, Method C	Textile fibres — Determination of length and length distribution of staple fibres (by measurement of single fibres) Method C – Use of a Semi-Automatic Apparatus
ISO 7211-2	Textiles — Woven fabrics — Construction — Methods of analysis — Part 2: Determination of number of threads per unit length
ISO 9405	Textile floor coverings – Assessment of changes in appearance
ISO 10361	Textile floor coverings – Production of changes in appearance by means of hexapod tumbler tester (Method B – Hexapod method only)
ISO 12127-1	Clothing for protection against heat and flame — Determination of contact heat transmission through protective clothing or constituent materials — Part 1: Contact heat produced by heating cylinder
ISO 12945-1	Textiles. Determination of fabric propensity to surface pilling, fuzzing or matting Pilling box method
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ISO 13937-3	Textiles. Tear properties of fabrics Determination of tear force of wing-shaped test specimens (single tear method)
ISO 13938-1	Textiles - Bursting properties of fabrics Hydraulic method for determination of bursting strength and bursting distension
ISO 13938-2	Textiles. Bursting properties of fabrics Pneumatic method for determination of bursting strength and bursting distension
IWTO TM 8	Micron of Wool (Fiber Diameter)
SATRA TM 29	Breaking strength and extension at break
SATRA TM 65	Split tear strength
SATRA TM 102	Measurement of the limit of useful extension of elastic
SATRA TM 103: 2018	Resistance of elastic to repeated extension
TWC TM 202: 2009	Tuft Withdrawal Strength
TWC TM 247: 2009	Change in Surface Structure of floor covering (Hexapod Tumbler)
TWC TM 283: 2009	Carpet Pile Abrasion
MECHANICAL	
Matrix: Textile Materials (Medical Textile)	
AATCC TM42	Test Method for Water Resistance: Impact Penetration
AATCC TM127	Test Method for Water Resistance: Hydrostatic Pressure
ASTM D737	Standard Test Method for Air Permeability of Textile Fabrics
ASTM D751-19 (Seam strength: Section 71-76)	Standard Test Methods for Coated Fabrics - Seam strength
ASTM D5587	Standard Test Method for Tearing Strength of Fabrics by Trapezoid Procedure
ASTM D5733	Standard Test Method for Tearing Strength of Nonwoven Fabrics by the Trapezoid Procedure
ASTM F392/F392M	Standard Practice for Conditioning Flexible Barrier Materials for Flex Durability
ASTM F1670/F1670M	Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Synthetic Blood
ASTM F1862/F1862M	Standard Test Method for Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity)
ASTM F1868	Standard Test Method for Thermal and Evaporative Resistance of Clothing Materials Using a Sweating Hot Plate

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ASTM F2299/F2299M	Standard Test Method for Determining the Initial Efficiency of Materials Used in Medical Face Masks to Penetration by Particulates Using Latex Spheres
BS EN 149+A1	Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking
BS EN 14683 Annex C	Medical face masks - Requirements and test methods Method for determination of breathability Test (Differential pressure)
EN 863	Protective clothing - Mechanical properties - Test method: Puncture resistance
EN 13274-4Method 3	Respiratory protective devices - Methods of test - Part 4: Flame test Method 3
EN 29073-3	Textiles - Test methods for nonwovens - Part 3: Determination of tensile strength and elongation
EN ISO 7854, Method B	Rubber- or plastics-coated fabrics - Determination of resistance to damage by flexing, (Method B Only)
IS 1966: Part 1	Textiles-Bursting Properties of Fabrics - Part 1 Hydraulic Method for Determination of Bursting Strength and Bursting Distension
IS 1969: Part 1	Textiles- Tensile Properties of Fabrics - Part 1 Determination of Maximum force and Elongation at Maximum Force Using the Strip Method
IS 9473	Respiratory Protective Devices - Filtering Half Masks to Protect Against Particles
IS 15891: Part 3	Textiles - Test Method for Nonwovens Part 3 Determination of Tensile Strength and Elongation
IS 15891: Part 10	Test Methods for Nonwovens Part 10 Lint and Other Particle Generation in the Dry State
IS 16289 Annex C Annex D Annex E	Medical Textiles surgical face masks specification Breathability Test (Differential pressure) Splash Resistance Test Sub-Micron Particulate Filtration Efficiency
IS 16546	Clothing for Protection Against Contact with Blood and Body Fluids - Determination of the Resistance of Protective Clothing Materials to Penetration by Blood and Body Fluids - Test Method Using Synthetic Blood
IS 17334	Medical Textiles — Surgical Gowns and Surgical Drapes — Specification
IS 17423	Medical Textiles — Bio-Protective Coveralls — Specification
ISO 811	Textiles — Determination of resistance to water penetration — Hydrostatic pressure test
ISO 6530	Protective clothing — Protection against liquid chemicals — Test method for resistance of materials to penetration by liquids

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ISO 9073-10	Textiles — Test methods for nonwovens — Part 10: Lint and other particles generation in the dry state
ISO 9073-4	Nonwovens — Test methods — Part 4: Determination of tear resistance by the trapezoid procedure
ISO 9237	Textiles — Determination of the permeability of fabrics to air
ISO 11092	Textiles — Physiological effects — Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test)
ISO 16603	Clothing for protection against contact with blood and body fluids — Determination of the resistance of protective clothing materials to penetration by blood and body fluids — Test method using synthetic blood
ISO 18695	Textiles — Determination of resistance to water penetration — Impact penetration test
ISO 22609	Clothing for protection against infectious agents — Medical face masks — Test method for resistance against penetration by synthetic blood (fixed volume, horizontally projected)