CERTIFICATE OF ACCREDITATION

This is to attest that

TUV SUD SOUTH ASIA PRIVATE LIMITED

S. F. NO. 139/1B, AMMANANTHANGAL VILLAGE, CHENNAI – BANGALORE ROAD (NH – 46), WALAJAPET
RANIPET, TN, 632513, REPUBLIC OF INDIA

Testing Laboratory TL-1080

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 February 1, 2026
Effective Date September 19, 2023

President

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SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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TUV SUD SOUTH ASIA PRIVATE LIMITED

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Accredited to ISO/IEC 17025:2017 *Effective Date September 19, 2023*

Field of Testing: Mechanical **Matrix: Leather and its products, footwear, and its materials**	
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 e. Torque Test f. Tension Test
16 CFR 1500.52	Test methods for simulating use and abuse of Toys and other articles intended for use by Children over 18 months but not over 36 months of age e. Torque Test f. Tension Test
16 CFR 1500.53	Test methods for simulating use and abuse of Toys and other articles intended for use by Children over 36 months but not over 96 months of age e. Torque Test f. Tension Test
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
ASTM D1813	Standard Test Method for Measuring Thickness of Leather Test Specimens
ASTM D2208	Standard Test Method for Breaking Strength of Leather by the Grab Method
ASTM D2209	Standard Test Method for Tensile Strength of Leather
ASTM D2211	Standard Test Method for Elongation of Leather
ASTM D2212	Standard Test Method for Slit Tear Resistance of Leather
ASTM D2240	Standard Test Method for Rubber Property – Durometer Hardness – Shore A, Shore D, Shore C
ASTM D2941	Standard Test Method for Measuring Break Pattern of Leather (Break Scale)
ASTM D4704	Standard Test Method for Tearing Strength, Tongue Tear of Leather
ASTM D4705	Standard Test Method for Stitch Tear Strength of Leather, Double Hole
ASTM D5963	Rubber Property – Abrasion Resistance (Rotary Drum Abrader) – Method A Non-rotating test piece
ASTM D6182	Standard Test Method for Flexibility and Adhesion of Finish on Leather
ASTM F963	Standard Consumer Safety Specification for Toy Safety Section 4.6 Small objects Section 4.7 Accessible Edges Section 4.9 Accessible points
ASTM F2232	Longitudinal Load Required to Detach High Heels from Footwear

ASTM F2913	Measuring of Coefficient of Friction – Slip Performance of Footwear and Test Surfaces/Flooring
BS 5131 Section 2.1	Ross flexing method for cut growth resistance of soling materials
BS 5131 Section 2.11	Footwear – Solings – Resistance to short-term contact with hot surface
BS 5131 Section 3.5	Footwear - Uppers, textiles and threads – The break/pipiness test
BS 5131 Section 3.7	Footwear – Uppers, textiles and threads – Breaking strength of shoe laces
BS 5131 Section 5.4	Footwear -Testing of complete footwear. Sole bond peeling strength
BS 5131 Section 5.11	Footwear- Determination of the strength of buckle fastening assemblies
BS 5131 Section 5.13	Methods of Test for Footwear and Footwear Materials – Part 5: Testing of Complete Footwear – Section 5.13 Measurement of the Strength of Stitched Seams in Upper and Lining Materials
BS ISO 4649 Method A	Rubber, vulcanized or thermoplastic – Determination of Abrasion resistance using rotating cylindrical drum device Method A Non-rotating test piece
DIN 53516	Abrasion Resistance – Outsole
DIN 53543 Section 6.3	Testing of Semi-Rigid Polyurethane (PUR) Integral Cellular Materials – Material for Soles and parts of shoes – Section 6.3 Fatigue Bending Test
DIN EN 388 Section 6.4	Protective Gloves against Mechanical Risks – Section 6.4 Tear Resistance
DIN EN 12749	Footwear - Ageing conditioning
DIN EN 12773	Footwear – outsoles – Needle tear strength
DIN EN 13515	Footwear – Test methods for uppers and lining – Water vapour permeability and absorption
DIN EN 13515	Footwear – uppers and lining – Water vapour permeability and absorption
DIN EN ISO 21420 Section 6.3.1	Protective gloves – General requirements and test methods – Section 6.3.1 Test methods for determination of water vapour behaviors – Leather Materials
DIN EN ISO 21420 Section 6.4	Protective gloves – General requirements and test methods – Section 6.4 Test method for determination of Water vapour absorption of leather materials
EN 12785	Footwear – Test methods for whole shoe – Heel attachment
EN 13518	Water Penetration - Bally method
ISO 34-1	Rubber vulcanized or thermoplastic-tear strength – Part 1: Trouser, Angle and Crescent Pieces – Method A Method to determine trouser tear strength
ISO 48-4	Rubber, Vulcanized or thermoplastic – Determination of hardness – Part 4 Indentation hardness by durometer method (Shore hardness) Shore A, Shore D
ISO 868	Plastics and Ebonite – Determination of indentation hardness by means of a durometer (Shore hardness) Shore A, Shore D
ISO 2420	Leather – Physical and mechanical tests – Determination of apparent density
ISO 2589	Leather – Physical and mechanical tests – Determination of thickness
ISO 2781	Rubber, vulcanized or thermoplastic - Determination of density – Method A
ISO 3376	Leather – Physical and Mechanical Tests – Determination of Tensile Strength and Percentage Elongation
ISO 3377-1	Leather – Physical and Mechanical Tests – Determination of Tear Load – Part 1 Single Edge Tear
ISO 3377-2	Leather – Physical and Mechanical Tests – Determination of Tear Load – Part 2 Double Edge Tear
ISO 3379	Leather – Determination of Distension and Strength of Surface (Ball Burst Method)
ISO 4643 Annex B	Moulded plastics footwear – Annex B Resistance to flexing of the upper material
ISO 4643 Annex C	Moulded plastics footwear – Lined or Unlined Poly (vinyl Chloride) Boots for General industrial use – Specifications – Annex C Resistance to cut growth (Flexing Test)

ISO 5402-1	Leather – Determination of Flex Resistance – Part 1 Flexometer Method
ISO 5402-2	Leather – Determination of flex resistance – Part 2 Vamp flex method
ISO 5403-1	Footwear – Test methods for uppers – Water resistance
ISO 5423 Annex B	Moulded plastics footwear – Annex B Resistance to flexing of the upper material
ISO 5423 Annex C	Moulded plastics footwear – Lined or Unlined Polyurethane Boots for General industrial use – Specifications – Annex C Resistance to cut growth (Flexing Test)
ISO 7854 Method A	Rubber or Plastics – Coated Fabric – Determination of Resistance to damage by flexing – Method A De Mattia Method
ISO 11644	Leather – Test for Adhesion of Finish
ISO 13287	Personal Protective Equipment – Footwear – Test method for slip resistance
ISO 14268	Leather – Physical and Mechanical tests – Determination of water vapour permeability
ISO 14268 Annex B	Leather – Physical and Mechanical tests – Determination of water vapour permeability – Annex B Water Vapour number
ISO 16177	Footwear – Resistance to crack initiation and growth – Belt flex method
ISO 17227	Leather – Physical and Mechanical Tests – Determination of Dry Heat Resistance of Leather
ISO 17228 Clause 6, 7, 8	Leather – Tests for colour fastness – Change in colour with accelerated ageing – Clause 6 Heat, Clause 7 Heat and Humidity, Clause 8 Cycles of different temp and Humidity
ISO 17229	Leather – Physical and mechanical tests – Determination of water vapour absorption
ISO 17229 Annex A	Leather – Physical and mechanical tests – Determination of water vapour absorption – Annex A Water vapour number
ISO 17693	Footwear – Test Methods for Uppers – Resistance to Damage on Lasting
ISO 17694	Footwear - Test Methods for Uppers and Lining - Flex Resistance
ISO 17696	Footwear – Test Methods for Uppers, Linings and Insocks – Tear Strength
ISO 17697	Footwear – Test Methods for Uppers, Lining and Insocks – Seam Strength – Method A Needle Perforations
ISO 17697	Footwear – Test Methods for Uppers, Lining and Insocks – Seam Strength – Method B Seam Strength
ISO 17698	Footwear – Test methods for uppers – Delamination resistance
ISO 17699	Footwear – Test Methods for uppers and lining – Water vapour permeability and absorption
ISO 17702	Footwear – Test methods for uppers – Water resistance
ISO 17704	Footwear – Test methods for uppers, lining and insocks – Abrasion resistance
ISO 17706	Footwear – Test Methods for Uppers – Tensile Strength and Elongation
ISO 17707	Footwear – Test methods for outsoles – Flex resistance
ISO 17708	Footwear - Test methods for whole shoe - Upper sole adhesion
ISO 19074	Leather – Determination of water absorption by capillary action (wicking)
ISO 19953	Footwear – Test methods for heels – Resistance to lateral impact
ISO 19956	Footwear – Test methods for heels – Fatigue resistance
ISO 20344 Section 5.2	Personal Protective Equipment – Test Methods for Footwear – Section 5.2 Determination of upper/outsole and sole interlayer bond strength
ISO 20344 Section 5.9	Personal Protective Equipment – Test Methods for Footwear – Section 5.9 Determination of the perforation resistance of footwear with a metallic perforation resistant insert
ISO 20344 Section 5.14	Personal Protective Equipment – Test Methods for Footwear – Section 5.14 Determination of footwear slip resistance

ISO 20344 Section 5.19	Personal Protective Equipment – Test Methods for Footwear – Section 5.19 Determination of resistance to water for whole footwear Dynamic test
ISO 20344 Section 6.3	Personal Protective Equipment – Test Methods for Footwear – Section 6.3 Determination of Tear Strength of the Upper, Lining and/or Tongue
ISO 20344 Section 6.4.2	Personal Protective Equipment – Test Methods for Footwear – Section 6.4.2 Determination of Tensile Properties of the Upper Material – Leather Split and Rubber
ISO 20344 Section 6.5.2.1	Personal protective equipment – Test Methods for Footwear - Determination of upper flexing resistance
ISO 20344 Section 6.6	Personal Protective Equipment – Test Methods for Footwear – Section 6.6 Determination of Water vapour permeability (WVP)
ISO 20344 Section 6.7	Personal Protective Equipment – Test Methods for Footwear – Section 6.7 Determination of water vapour absorption (WVA)
ISO 20344 Section 6.8	Personal Protective Equipment – Test Methods for Footwear – Determination of Water vapour coefficient (WVC)
ISO 20344 Section 6.12	Personal Protective Equipment – Test Methods for Footwear – Section 6.12 Determination of abrasion resistance of lining and insock
ISO 20344 Section 6.13	Personal protective equipment – Test Methods for Footwear – Section 6.13 Determination of water penetration and water absorption for upper
ISO 20344 Section 7.2	Personal Protective Equipment – Test Methods for Footwear – Section 7.2 Determination of water absorption and desorption of insole and/or insock
ISO 20344 Section 7.3	Personal protective equipment - Test Methods for Footwear – Section 7.3 Determination of abrasion resistance of insole
ISO 20344 Section 8.3	Personal Protective Equipment – Test Methods for footwear – Section 8.3 Determination of Tear strength of outsole
ISO 20344 Section 8.4	Personal protective equipment – Test Methods for Footwear – Section 8.4 Determination of abrasion resistance of outsole
ISO 20344 Section 8.6	Personal Protective Equipment – Test Methods for Footwear – Section 8.6 Determination of flexing resistance of outsole
ISO 20344 Section 8.9	Personal Protective Equipment – Test Methods for Footwear – Section 8.9 Determination of resistance to hot contact
ISO 20871	Footwear – Test methods for outsoles – Abrasion Resistance
ISO 20874	Footwear – Test methods for outsoles – Needle tear strength
ISO 22649 Method A	Footwear – Test methods for insoles and insocks – Water absorption and desorption – Method A Determination of Static Water absorption and desorption
ISO 22649 Method B	Footwear – Test methods for insoles and insocks – Water absorption and desorption – Method B Determination of Dynamic Water absorption and desorption
ISO 22650	Footwear – Test methods for whole shoe – Heel attachment
ISO 22774	Footwear – Test Methods for Accessories – Shoe laces – Abrasion resistance Method 1 Lace to Lace abrasion, Method 2 Lace to Standard eyelet abrasion, Method 3 Lace to eyelet (from footwear) abrasion
ISO 22775	Footwear – Test Methods for Accessories – Metallic Accessories – Corrosion Resistance – Method 2 Salt water corrosion
ISO 22776	Footwear – Test methods for accessories – Touch and close fasteners – Shear strength before and after repeated closing
ISO 22777	Footwear – Test methods for accessories – Touch and close fasteners – Peel strength before and after repeated closing
ISO 23388 Section 6.4	Protective Gloves against Mechanical Risks – Section 6.4 Tear Resistance

ISO 23910	Leather – Physical and mechanical tests – Measurement of stitch tear resistance
ISO 32100	Rubber or plastics-coated fabrics – Physical and mechanical tests – Determination of flex resistance by the flexometer method
NF EN 12746 Method A	Footwear – Test methods for insoles and insocks – Water absorption and desorption – Method A Determination of Static Water absorption and desorption
NF EN 12770	Footwear – Test methods for outsoles – Abrasion resistance
NF EN 13520	Footwear – Test methods for uppers, lining and insocks – Abrasion resistance
SATRA TM 1	Thickness of leather and insole materials
SATRA TM 2	Tensile Properties of insole materials
SATRA TM 3	Flexing index
SATRA TM 5	Stitch tear strength
SATRA TM 6	Water absorption and desorption - total immersion method
SATRA TM 11	Pin holding strength of insole materials
SATRA TM 12	Density of leather, leather board and insole materials
SATRA TM 14	Resistance to Scuffing by Mild Circular Abrasion
SATRA TM 17	Shrinkage temperature
SATRA TM 20	Lateral impact test for shoe heels
SATRA TM 21	Fatigue test for shoe heels
SATRA TM 24	Lastometer Ball Burst Test
SATRA TM 25	Vamp flex test - Resistance to Flexing Damage
SATRA TM 29	Breaking Strength and Extension at Break
SATRA TM 30	Tear Strength – Trouser Leg Method
SATRA TM 31	Abrasion Resistance – Martindale method
SATRA TM 33	Strength Perpendicular to Needle Perforations
SATRA TM 36	Break/pipiness
SATRA TM 37	Nail penetration - Shoe bottoms and protective midsoles
SATRA TM 43	Tensile Strength and Extension at Break of Leather
SATRA TM 44	Liability to wrinkle (Wrinkleometer)
SATRA TM 49	Resistance to damage due to contact with a hot surface
SATRA TM 55	Flexing Resistance of Upper Materials – Bally Flexometer
SATRA TM 60	Ross flex test - Resistance to cut growth on flexing
SATRA TM 64	Compression Set – Constant Stress Method
SATRA TM 65	Split tear strength
SATRA TM 68	Density of water absorbent cellular materials
SATRA TM 80	Transverse tensile strength of Sheet materials
SATRA TM 94	Breaking force and extension at break of shoe laces
SATRA TM 102	Measurement of the limit of useful extension of elastics
SATRA TM 103	Resistance of elastics to repeated extension
SATRA TM 108	Strength of top-piece attachment
SATRA TM 113	Strength of attachment of heels to footwear and the backpart rigidity
SATRA TM 117	Attachment strength of decorative bows
SATRA TM 118	Strength of sandal toe posts
SATRA TM 120	Strength of attachment of straps and nailed or stapled uppers
SATRA TM 123	Closure strength of touch and close fasteners
SATRA TM 133	Resistance to crack initiation and growth – Belt flex method
SATRA TM 134	Density of materials by volume displacement
SATRA TM 136	Thickness/effective thickness of soling materials and sole units
SATRA TM 141	Breaking Force of Buckles – Three point bending test

SATRA TM 143	Breaking Force and extension at break of whole shoe top-lines
SATRA TM 144	Friction (slip resistance) of footwear and floorings
SATRA TM 148	Resistance of finish films on upper leather to peeling and determination
SATRA TM 149	Strength of eyelet facings and other laced fastenings
SATRA TM 150	Attachment strength of eyelets
SATRA TM 151	Strength of fastened buckles
SATRA TM 154	Shoe Lace to Shoe Lace and Shoe Lace to Lace Carrier Abrasion
SATRA TM 161	Bennewart – Resistance to cut growth on flexing – Cut growth of a footwear outsole
SATRA TM 162	Tear Strength – Baumann Method
SATRA TM 165	Tab Strength
SATRA TM 166	Slide fastener burst strength
SATRA TM 171	Resistance to water penetration – penetrometer test
SATRA TM 172	Water vapour permeability
SATRA TM 174	Abrasion Resistance – Rotating drum method
SATRA TM 175	Attachment strength of shoe lace tags
SATRA TM 177	Resistance to Scuffing by mild To and Fro Abrasion
SATRA TM 178	Water vapour Absorption Method 1
SATRA TM 180	Measurement of the Strength of Stitched Seams in Upper and Lining Materials
SATRA TM 181	Strength of buckle and strap attachments
SATRA TM 183	Whole Shoe Cushion Assessment Test
SATRA TM 193	Abrasion resistance of leather
SATRA TM 195	Knot slippage test
SATRA TM 205	Hardness of Rubber, Polyurethane and plastics – Durometer method – Shore A, Shore D, Asker C
SATRA TM 218	Tear strength of rubbers and plastics – trouser method
SATRA TM 223	Floor marking by solings or top pieces
SATRA TM 230	Dynamic footwear water penetration test - Whole shoe
SATRA TM 281	Peel Strength of bottom constructions in complete footwear
SATRA TM 305	Wick test
SATRA TM 310	Atmospheric Sulphide Tarnishing and Salt water Corrosion – Method 2 Salt water corrosion
SATRA TM 344	Hydrolysis of polyurethane based Materials Method 1 – Climatic Test Chamber
SATRA TM 361	Bloom Formation on Polymeric Materials (accelerated Ageing Test)
SATRA TM 410	Adhesion strength of a coating to its base
SATRA TM 411	Peel strength of footwear sole bonds
Field of Testing: Chemical **Matrix: Leather and its products, footwear, and its materials**	
ASTM D5053	Standard Test Method for Colorfastness of Crocking of Leather
ISO 11640	Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing
ISO 11641	Leather – Tests for colour fastness – Colour fastness to perspiration
ISO 11642	Leather – Tests for colour fastness – Colour fastness to water
ISO 15700	Leather – Tests for colour fastness – Colour fastness to water spotting
ISO 15701	Leather – Tests for colour fastness – Colour fastness to migration into polymeric material

ISO 17700 Method A	Footwear – Test methods for upper components and insocks – Colour fastness to rubbing and bleeding – Method A to-and-fro square rubbing finger fastness testing machine
ISO 17700 Method B	Footwear – Test methods for upper components and insocks – Colour fastness to rubbing and bleeding – Method B rotative rub fastness testing machine
ISO 17700 Method C	Footwear – Test methods for upper components and insocks – Colour fastness to rubbing and bleeding – Method C to-and-fro circular rubbing finger fastness testing machine
ISO 17700 Method D	Footwear – Test methods for upper components and insocks – Colour fastness to rubbing and bleeding – Method D colour fastness to bleeding
ISO 20433	Leather – Tests for colour fastness – Colour fastness to crocking
SATRA TM 8	Colour fastness to circular rubbing
SATRA TM 167	Colour fastness to rubbing – Crockmeter test
SATRA TM 173	Colour fastness to rubbing – reciprocating method
SATRA TM 185	Resistance to water spotting of leathers, textiles, and coated fabrics
SATRA TM 335	Colour fastness to water or perspiration (petri-dish method) – Method 1 Distilled or ionized water, Method 2 Alkaline solution of artificial perspiration, Method 3 Acid solution of artificial perspiration
Field of Testing: Restriction of Hazardous Substances (ROHS) **Matrix: Electrical and electro technical materials, electrical and electronic wastes**	
GTP_Chem_CPS_25135B	Determination of Hexavalent Chromium (CrVI) in polymers and Electronics by Colorimetric Method
GTP_Chem_CPS_25156B	Determination of Phthalates in Electro-technical Products Di-n-butyl phthalate, Di-(2-ethylhexyl) phthalate, Di-isobutyl phthalate, Di-iso-decyl phthalate, Di-isononyl phthalate, Di-n-octyl phthalate, Benzyl butyl phthalate
GTP_Chem_CPS_25158B	Determination of Poly Brominated biphenyls (PBBs) and Poly Brominated diphenyl ether (PBDEs) in polymers **Poly Brominates Biphenyl** 4-Bromobiphenyl 4,4'-dibromobiphenyl 2,4,5-tribromobiphenyl 3,3',4,4'-tetrabromobiphenyl 2,2',4,5,6'-pentabromobiphenyl 3,3',4,4',5,5'-hexabromobiphenyl 2,3,3',4,4',5,5'-heptabromobiphenyl 2,2' ,3,3',4.4',5,5-Octabromobiphenyl 2,2',3,3',4,4',5,5',6-nonabromobiphenyl Decabromobiphenyl **Poly Brominated Diphenyl Ethers** 4-bromodiphenylether 4,4'dibrmodiphenylether 2,3,4'-tribromodiphenylether 2,4,4'-tribromodiphenylether 2,2',4,4'-tetrabromodiphenylether

	2,2',4,4',6-pentabromodiphenylether 2,2',4,4',5,5'-hexabromodiphenylether 2,2',4,4',5,6-hexabromodiphenylether 2,2',3,4,4',5,6'-heptabromodiphenylether 2,2',3,4,4',5,5',6-octabromodiphenylether 2,2',3,3',4',5,5',6,6'-nonabromodiphenylether Decabromodiphenylether
GTP_Chem_CPS_25162 C	REACh SVHC Candidate list – Screening of Metals by ICP-OES
IEC 62321-4	Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS
IEC 62321-5	Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS
IEC 62321-6	Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography -mass spectrometry (GC-MS) **Poly Brominates Biphenyl** 4-Bromobiphenyl 4,4'-dibromobiphenyl 2,4,5-tribromobiphenyl 3,3',4,4'-tetrabromobiphenyl 2,2',4,5,6'-pentabromobiphenyl 3,3',4,4',5,5'-hexabromobiphenyl 2,3,3',4,4',5,5'-heptabromobiphenyl 2,2' ,3,3',4.4',5,5-Octabromobiphenyl 2,2',3,3',4,4',5,5',6-nonabromobiphenyl Decabromobiphenyl **Poly Brominated Diphenyl Ethers** 4-bromodiphenylether 4,4'dibrmodiphenylether 2,3,4'-tribromodiphenylether 2,4,4'-tribromodiphenylether 2,2',4,4'-tetrabromodiphenylether 2,2',4,4',6-pentabromodiphenylether 2,2',4,4',5,5'-hexabromodiphenylether 2,2',4,4',5,6-hexabromodiphenylether 2,2',3,4,4',5,6'-heptabromodiphenylether 2,2',3,4,4',5,5',6-octabromodiphenylether 2,2',3,3',4',5,5',6,6'-nonabromodiphenylether Decabromodiphenylether
IEC 62321-7	Determination of certain substances in electrotechnical products – Part 7-1: Hexavalent chromium - Determination of hexavalent chromium (Cr (VI)) in Colorless and colored corrosion protected coating on the metals by colorimetric method and electronics by the colorimetric method Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr (VI)) in polymers and electronics by the colorimetric method
IEC 62321-8	Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), (Exclusion gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS))

	Di-n-butyl phthalate, Di-(2-ethylhexyl) phthalate, Di-isobutyl phthalate, Di-iso-decyl phthalate, Di-isononyl phthalate, Di-n-octyl phthalate, Benzyl butyl phthalate
Field of Testing: Packaging and Packaging Waste **Matrix: Packaging waste**	
GTP_Chem_CPS_25157B	Determination of Certain Substances in electro-technical Products and packaging materials Lead, Cadmium, Mercury, Chromium VI
Field of Testing: Hazardous and Restricted Chemicals **Matrix: Textiles and textile products its accessories include polymeric, plastics, metals, non-metals, paper, wood, print, coatings, glass, ceramic, dyes, pigments, silica gel, paints, finger paints and auxiliaries**	
16 CFR-1303	Ban Of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint
AATCC 81	Test Method for pH of the Water-Extract from Wet Processed Textiles
AATCC 112	Test Method for Formaldehyde Release from Fabric: Sealed Jar
ASTM E1613	Standard Test Method for Determination of Lead by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Flame Atomic Absorption Spectrometry (FAAS), or Graphite Furnace Atomic Absorption Spectrometry (GFAAS) Techniques Active Only
ASTM E1645	Standard Practice for Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis
ASTM F963-17 (4.3.5)	Heavy elements -Toy Substrate Material Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury & selenium
BS EN 12472	Method for the Simulation of Wear and Corrosion for the Detection of Nickel Release from Coated Items-Nickel
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-Nickel
CEN/TS 15968	Determination of extractable perfluorooctanesulphonate (PFOS) in coated and impregnated solid articles, liquids and fire fighting foams - Method for sampling, extraction and analysis by LC-qMS or LC-tandem/MS Perfluro octanoic acid – PFOA Perfluorooctane sulfonic acid – PFOS N-methylperfluoro-1-octanesulfonamide (MeFOSA) N-ethylperfluoro-1-octanesulfonamide (EtFOSA) 2-(N-methylperfluoro- 1-octanesulfonamido) - ethanol (MeFOSE) 2-(N-ethylperfluoro- 1-octanesulfonamido) - ethanol (EtFOSE)
CPSC CH E1001-08.1	Standard Operating Procedure for Determining Total Lead (Pb) in Metal Children's Products (including Children's Metal Jewelry)
CPSC CH E1002-08.1	Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products
CPSC CH E1003-09.1	Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings
DIN 10955	Sensory analysis - Testing of packaging materials and packages for foodstuffs
DIN 50009	Textiles - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content

	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- Tri chloro phenol, 2,4,6- Tri chloro phenol, 3,4,5- 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, o-Phenyl phenol
DIN 54231	Textiles - Detection of disperse dyestuffs Disperse blue-106, Disperse orange-37/76/59, Disperse blue-124, Disperse orange -1, Disperse orange-11, Basic violet-14, Direct black-38, Direct red -28, Acid red -26, Basic red- 9, Basic yellow 2, Disperse blue-102, Disperse blue-7, Disperse blue-3, Disperse orange -3, Disperse yellow-49, Disperse yellow-1, Disperse orange149, disperse yellow-3, Disperse red- 17 Disperse red- 1,Disperse red-11,Disperse yellow-23,Disperse blue 26,Disperse yellow-9,Disperse yellow-39,Disperse yellow -7,Disperse brown-1,Disperse blue -35,Disperse blue -1,Direct Blue -6,Disperse orange 61,Acid red 114, solvent yellow 1,Solvent yellow 2,Solvent yellow 3,Naphthol AS, Acid violet-49,Basic Blue 26,Basic Violet 3,Disperse Yellow 56,Disperse red 151,Solvent Red 23,Basic Green 4 (oxalate),Basic Green 4 (chloride),Basic Green 4 (free),Solvent Yellow 14,Basic Violet 1,Direct Brown 95,Solvent Blue 4,4,4'-bis (dimethyl amino)-4"-(methylamino)trityl alcohol, Direct Blue 15,Disperse Yellow-56 methyl, Quinoline, Michlers Base, Michlers Ketone, Direct Blue-218, Solvent Violet 9,Blue Colorant (Navy blue)
DIN EN 717-3	Wood-based panels - Determination of formaldehyde release - Part 3: Formaldehyde release by the flask method
DIN EN 1122	Plastics - Determination of cadmium - wet decomposition method-Cadmium
DIN EN 16711-1	Textiles - Determination of metal content - Part 1: Determination of metals using microwave digestion Antimony, Arsenic, Lead, Cadmium, Chromium, Mercury, Copper, Nickel & Cobalt
DIN EN 16711-2	Textiles - Determination of metal content - Part 2: Determination of metals extracted by acidic artificial perspiration solution Test Parameters- Antimony, Arsenic, Lead, Cadmium, Chromium, Mercury, Copper, Nickel & Cobalt
DIN EN 17131	Textiles and textile products - Determination of Dimethylformamide (DMF), method using gas chromatography
DIN EN 17681-1	Textiles and textile products - Organic fluorine - Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography Perfluro octanoic acid – PFOA and its salts Perfluorooctane sulfonic acid – PFOS and its salts Perfluorotridecanoic acid - PFTriDA Perfluroundecanoic acid - PFUnDA N-perfluorododecanoic acid - PFDoDA N-perflurotetradecanoic acid - PFTeDA 1h,1h,2h,2h-perfluoro-1-decanol or [8:2 FTOH] 1h,1h,2h,2h-perfluorohexan-1-ol or [4:2 FTOH] 1h,1h,2h,2h-perfluorooctan-1-ol or [6:2 FTOH] 1h,1h,2h,2h-perfluorododecan-1-ol or [10:2 FTOH] Perfluorohexanoic acid - PFHxA Heptadecafluorononanoic acid - PFNA 1,1,2,2,3,3,4,4,5,5,6,6,6 Tridecafluorohexane -1 sulphonic acid – PFHxS and its salts

	Nonafluoro butane sulphonic acid hydrate (PFBS) Perfluoroheptane Sulfonate (PFHpS) Perfluorodecane Sulfonate (PFDS) and its salts Perfluorooctane Sulfonamide (PFOSA) Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2) Perfluorobutane Acid (PFBA) Perfluoroheptane Acid (PFHpA) 2,3,3,3-Tetrafluoro-2-(Heptafluoropropoxy)propionicacid (HPFO-DA) Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA) 7H-Dodecanefluoroheptane Acid (HPFHpA) 2H,2H-Perfluorodecane Acid (H2PFDA) 2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA) 2-(N-methylperfluoro- 1-octanesulfonamido) - ethanol(MeFOSE) N-methylperfluoro-1-octanesulfonamide (MeFOSA) N-ethylperfluoro-1-octanesulfonamide (EtFOSA) Perfluorodecanoic acid (PFDA) Perfluorooctanesulfonyl fluoride (PFOSF) Perfluoropentanoic acid (PFPeA) 2-(N-ethylperfluoro- 1-octanesulfonamido) - ethanol(EtFOSE) Perfluorohexanesulphonic acid 1H,1H,2H,2H (4:2 FTS) Perfluorodecanesulphonic acid 1H,1H,2H,2H (8:2 FTS) Perfluorododecanesulphonic acid 1H,1H,2H,2H (10:2 FTS)
DIN EN 17681-2	Textiles and textile products - Organic fluorine - Part 2: Determination of volatile compounds by extraction method using gas chromatography 1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA) 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) 1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA) Methyl perfluorooctanoate (Me-PFOA) Ethyl Perfluorooctanoate (Et-PFOA) 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoroctylmethacrylat(6:2 FTMA) 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Pentadecafluoroctylacrylat (7:1 FTA) 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluordecylmethacrylat (8:2 FTMA)
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) 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, Acid red 114 &Solvent yellow -3
EN 645	Paper and Board Intended to Come into Contact with Foodstuffs - Preparation of a Cold-Water Extract – Formaldehyde
EN 1541	Paper and board intended to come into contact with foodstuffs - Determination of formaldehyde in an aqueous extract

EN 14362 part1	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 O-Toluidine,3,3 Dimethyl benzidine,2 Methoxy 5 methyl aniline (p-Cresidine),3,3' Dichloro benzidine,4 Chloro aniline,2,4,5 Trimethyl aniline,4,4 Diamino 3,3, dimethyl diphenyl Methane,4 Amino azo benzene,4 Amino phenylthio ether (4,4'-THIODIANILINE),4 Amino phenyl ether (.p,p'-Oxydianiline),3,3 Dimethoxy benzidine,4,4' Benzidine,Bis 4 (amino phenyl) methane,2 Anisidine ,o-amino azo toluene,4 Amino bi phenyl,4 chloro 2 methyl aniline 2,4 Diamino toluene,4,4 Methylene bis (2 chloroaniline),2 Amino naphthalene,2 Amino 4 nitro toluene,2,4-Xylidine,2,6-Xylidine,2,4-Diaminoanisole,Aniline,p-phenylene diamine
EN 14362 part3	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
EN 14372	Child use and care articles - Cutlery and feeding utensils - Safety requirements and tests Di-(2-ethyl-hexyl)-phthalate(DEHP),Di-n-octyl-phthalate(DNOP) Di-iso-decyl-phthalate(DIDP),Di-iso-nonyl-phthalate(DINP) Di-butyl-phthalate(DBP),Benzyl-butyl-phthalate(BBP)
EN 17130	Textiles and textile products - Determination of dimethylfumarate (DMFu), method using gas chromatography
EN 17132	Textiles and textile products - Determination of Polycyclic Aromatic Hydrocarbons (PAH), method using gas chromatography Benzo[e]pyrene, Benzo[j]fluoranthene, Benzo[a]pyrene, Benz[a]anthracene, Benzo(b)fluoranthene, Benzo[k]fluoranthene, Chrysene, Dibenzo[a,h]anthracene, Acenaphthene, Acenaphthylene, Anthracene, Benzo[ghi]perylene, Fluoranthene, Fluorene, Indeno [1,2,3-cd]pyrene, Naphthalene, Phenanthrene, Pyrene
EN 17134-1	Textiles and textile products - Determination of certain preservatives, method using liquid chromatography Triclosan, o-Phenylphenol
EN 17134-2	Textiles and textile products – Determination of biocide additives – Part 2: Chlorophenol-based preservatives, method using gas chromatography; 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- Tri chloro phenol,2,4,6- Tri chloro phenol,3,4,5- 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, o-Phenyl phenol
EN 17137	Textiles - Determination of the content of compounds based on chlorobenzenes and chlorotoluenes 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, 2,6-dichlorotoluene 2,5-dichlorotoluene, 3,4-dichlorotoluene,2,3,6 trichlorotoluene,2,4,5-trichlorotoluene, Tetrachlorotoluene, 2,3,4,5-Tetrachlorotoluene, 2,3,4,6-Tetrachlorotoluene, 2,3,5,6-Tetrachlorotoluene,α, α, α, 4-tetrachlorotoluene,α,

	α, α-trichlorotoluene,α -chlorotoluene, Pentachlorotoluene,2,6, α, α-tetrachlorotoluene
EN ISO 21084	Textiles - Method for determination of alkylphenols (AP) 4-tert-Octylphenol,4-n-Octylphenol,4-n-Nonylphenol,4-Nonylphenol
EN ISO 22744-1	Textiles and textile products - Determination of organotin compounds - Part 1: Derivatization method using gas chromatography Dibutyltin (DBT), Tributyltin (TBT), Monobutyltin (MBT), Monooctyltin (MOT), Dioctyltin (DOT), Tetrabutyltin (TeBT), Triphenyltin (TPhT), Tricychlohexyltin (TcyhT), Diphenyl tin, Di n propyl tin, Methyl tin, Tri-n-octyl tin, Trimethyl tin, Dimethyl tin, Monophenyl tin, Triiphenyl tin
GB 18401 Sec 6.7	National general safety technical code for textile products - Odour
GB/T 2912.1	Textile - Determination of Formaldehyde - Part 1. Free and Hydrolyzed Formaldehyde (Water Extraction Method)
GB/T 2912.2	Textiles - Determination of Formaldehyde -Part 2. Released Formaldehyde (Vapour Absorption Method)
GB/T 7573	Textiles - Determination of pH of aqueous extract
GB/T 17592	Textiles - Determination of the Banned Azo Colourants O-Toluidine,3,3 Dimethyl benzidine,2 Methoxy 5 methyl aniline (p-Cresidine),3,3' Dichloro benzidine,4 Chloro aniline,2,4,5 Trimethyl aniline,4,4 Diamino 3,3, dimethyl diphenyl Methane,4 Amino azo benzene,4 Amino phenylthio ether (4,4'-THIODIANILINE),4 Amino phenyl ether (.p,p'-Oxydianiline),3,3 Dimethoxy benzidine,4,4' Benzidine,Bis 4 (amino phenyl) methane,2 Anisidine ,o-amino azo toluene,4 Amino bi phenyl,4 chloro 2 methyl aniline 2,4 Diamino toluene,4,4 Methylene bis (2 chloroaniline),2 Amino naphthalene,2 Amino 4 nitro toluene,2,4-Xylidine,2,6-Xylidine,2,4-Diaminoanisole,Aniline,p-phenylene diamine
GB/T 18414.1	Textiles - Determination of the content of chlorinated phenols - Part 1: Gas chromatography/mass spectrography 2,3,4,5-Tetra chloro phenol, 2,3,5,6-Tetra chloro phenol, 2,3,4,6-Tetra chloro phenol, Penta Chloro phenol
GB/T 18414.2	Textiles -- Determination of the content of chlorinated phenols -- Part 2: Gas chromatography-Pentachlorophenol
GB/T 20388	Textiles -- Determination of the phthalate content -- Tetrahydrofuran method Di n Octyl phthalate, Di isodecyl phthalate,Dipentyl phthalate,Di isoheptyl phthalate, Dimethoxy ethyl phthalate, Di iso nonyl phthalate, Benzyl butyl phthalate, Di Butyl phthalate, Di iso- butyl phthalates, Bis (2 Ethyl hexyl) phthalate, Di-cyclohexyl phthalate- DCHP
GB/T 23344	Textiles - Determination of 4-aminoazobenzene
GTP_Chem_CPS_25103 C	Determination of Certain Aromatic Amines derived from Azo Colorants and Free Amines from REACH Annex XVII Entry 72 in Textiles, related materials and Colorants by GC-MS and/or HPLC O-Toluidine,3,3 Dimethyl benzidine,2 Methoxy 5 methyl aniline (p-Cresidine),3,3' Dichloro benzidine,4 Chloro aniline,2,4,5 Trimethyl aniline,4,4 Diamino 3,3, dimethyl diphenyl Methane,4 Amino azo benzene,4 Amino phenylthio ether (4,4'-THIODIANILINE),4 Amino phenyl ether (.p,p'-Oxydianiline),3,3 Dimethoxy benzidine,4,4' Benzidine,Bis 4 (amino phenyl) methane,2 Anisidine ,o-amino azo toluene,4 Amino bi phenyl,4 chloro 2 methyl aniline 2,4 Diamino toluene,4,4 Methylene bis (2 chloroaniline),2 Amino naphthalene,2 Amino 4 nitro toluene,2,4-Xylidine,2,6-Xylidine,2,4-Diaminoanisole, Aniline, p-phenylene diamine,2-Naphthylammoniumacetate,

	2,4,5-trimethylaniline hydrochloride,4-chloro-o-toluidinium chloride, 4-methoxy-m-phenylene diammonium sulphate
GTP_Chem_CPS_25104B	Determination of p-aminoazobenzene by GC-MS and/or HPLC
GTP_Chem_CPS_25105C	Determination of Chlorinated Organic Carriers by GC-MS 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, 2,6-dichlorotoluene 2,5-dichlorotoluene, 3,4-dichlorotoluene,2,3,6 Trichlorotoluene, 2,4,5-trichlorotoluene, Tetrachlorotoluene, 2,3,4,5-Tetrachlorotoluene, 2,3,4,6-Tetrachlorotoluene, 2,3,5,6-Tetrachlorotoluene, α, α, α, 4-tetrachlorotoluene, α, α, α-trichlorotoluene, α -chlorotoluene, Pentachlorotoluene,2,6, α, α-tetrachlorotoluene
GTP_Chem_CPS_25119C	Determination of Chlorinated Phenols by GC-MS o-Phenyl phenol, 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, 3,4,5- Trichlorophenol 2,3,4,5-Tetra chloro phenol, 2,3,5,6-Tetra chloro phenol, 2,3,4,6-Tetra chloro phenol & Penta chloro phenol
GTP_Chem_CPS_25125B	Determination of Organotin Compounds by GC-MS Dibutyltin (DBT), Tributyltin (TBT), Monobutyltin (MBT),Monooctyltin (MOT), Dioctyltin (DOT), Tetrabutyltin (TeBT), Triphenyltin (TPhT), Tricychlohexyltin (TcyhT), Diphenytin Di n prophyl tin, Methyl tin Bis- (Tributyl tin) Oxide (TBTO)2, Di-tert-butyl tin, Dibutyltindichloride (DBTC), Tri-n-octyltin, Trimethyl tin Dimethyl tin, MonoPhenyl tin, Tetraethyltin, Tetraoctyltin
GTP_Chem_CPS_25126C	Determination of Dimethylformamide (DMFa) by GC-MS
GTP_Chem_CPS_25128D	Determination of Polyvinyl Chloride (PVC) by FTIR
GTP_Chem_CPS_25129C	Determination of Dimethylfumarate (DMFu) by GC-MS
GTP_Chem_CPS_25131C	Determination of Cadmium Extractability from Children's Metal Jewelry by ICP
GTP_Chem_CPS_25132C	Determination of Lead in Paints and other Similar surface coatings by ICP-OES / ICP-MS
GTP_Chem_CPS_25133C	Determination of Total Lead in Children's metal products (including Children's Metal jewelry) by ICP-OES / ICP-MS
GTP_Chem_CPS_25134C	Determination of Total Lead in Non-metal children's products by ICP-OES/ICP-MS
GTP_Chem_CPS_25158B	Determination of Poly Brominated biphenyls (PBBs) and Poly Brominated diphenyl ether (PBDEs) in polymers **Poly Brominated Biphenyl** 4-Bromobiphenyl 4,4'-dibromobiphenyl 2,4,5-tribromobiphenyl 3,3',4,4'-tetrabromobiphenyl 2,2',4,5,6'-pentabromobiphenyl

	3,3',4,4',5,5'-hexabromobiphenyl 2,3,3',4,4',5,5'-heptabromobiphenyl 2,2' ,3,3',4.4',5,5-Octabromobiphenyl 2,2',3,3',4,4',5,5',6-nonabromobiphenyl Decabromobiphenyl **Poly Brominated diphenyl Ethers** 4-bromodiphenylether 4,4'dibromodiphenylether 2,3,4'-tribromodiphenylether 2,4,4'-tribromodiphenylether 2,2',4,4'-tetrabromodiphenylether 2,2',4,4',6-pentabromodiphenylether 2,2',4,4',5,5'-hexabromodiphenylether 2,2',4,4',5,6-hexabromodiphenylether 2,2',3,4,4',5,6'-heptabromodiphenylether 2,2',3,4,4',5,5',6-octabromodiphenylether 2,2',3,3',4',5,5',6,6'-nonabromodiphenylether Decabromodiphenylether
GTP_Chem_CPS_25167 C	Textiles - Determination of Carcinogenic dyes, Allergenic dyes and Quinoline by LC-MS and LC-MS/MS Disperse blue-106, Disperse orange-37/76/59, Disperse blue-124, Disperse orange -1,Disperse orange-11,Basic violet-14, Direct black-38, Direct red -28,Acid red -26,Basic red- 9,Basic yellow 2,Disperse blue-102, Disperse blue-7,Disperse blue-3,Disperse orange -3, Disperse yellow-49,Disperse yellow-1,Disperse orange149,Disperse yellow-3,Disperse red- 17 Disperse red- 1,Disperse red-11,Disperse yellow-23,Disperse blue 26,Disperse yellow-9,Disperse yellow-39,Disperse yellow -7,Disperse brown-1,Disperse blue -35,Disperse blue -1,Direct Blue -6,Disperse orange 61,Acid red 114,solvent yellow 1,Solvent yellow 2,Solvent yellow 3,Naphthol AS, Acid violet-49,Basic Blue 26,Basic Violet 3,Disperse Yellow 56,Disperse red 151,Solvent Red 23,Basic Green 4 (oxalate),Basic Green 4 (chloride),Basic Green 4 (free),Solvent Yellow 14,Basic Violet 1,Direct Brown 95,Solvent Blue 4,4,4'-bis (dimethyl amino)-4"-(methylamino)trityl alcohol, Direct Blue 15,Disperse Yellow-56 methyl, Quinoline, Michlers Base, Michlers Ketone, Direct Blue-218,Solvent Violet 9,Blue Colorant (Navy blue)
GTP_Chem_CPS_25175B	Determination of Phthalates in Textiles, Footwear and Polymers by THF Precipitation Method Di ethyl phthalate, Di N-Octyl phthalate, Di iso nonyl phthalate, Benzyl butyl phthalate, Di Butyl phthalate, Di iso decyl phthalate, Is (2 Ethyl hexyl) phthalate, Is-iso-pentyl phthalates, N-pentyl-isopentyl ester,Di cycloexyl phthalates, Dipentyl phthalates,Bis-methoxy ethyl phthalates Di iso butyl phthalates,1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters,1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich,Di-n hexyl phthalate Dimethyl phthalate, Di Decyl Phtalates (DDP),Di-n-propyl phthalate (DPrP), Di iso octyl phthalate (DIOP) ,Di-2-propyl heptyl phthalate (DPHP),DiisoHexylphthalate (DIHxP),1,2-Benzenedicarboxylicacid, dihexyl ester, branched and linear,1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 8 0.3% of dihexyl phthalate (EC No. 201-559-5),1,2-Benzenedicarboxylic acid dipentylester branched and linear (CAS# 84777-06-0)

GTP_Chem_CPS_25179 B	Determination of Cadmium and Lead in Plastics
GTP_Chem_CPS_25180B	Determination of Pesticide Residues 2,4,5-T,24-D,2,4-DDD,2,4-DDE,2,4-DDT,Alachlor,Aldrin,,4,4-DDE,4,4-DDD. 4,4-DDT, Hexachlorcyclohexane-alpha, Hexachlorcyclohexane-beta, Hexachlorcyclohexane-gammaLindane), Hexachlorcyclohexane-Delta Hexachlorobenzene, Alpha-endosulfan, Beta-endosulfan, Heptachlor, Heptachlorepoxide, Endrin,Dieldrin,Dicofol,Chlordane,Methoxychlor,Chlorothalonil,Perthane,Malathion,Parathion,Methyl parathion, Ethyl parathion, Chlorpyrifos, Chlorpyrifos-methyl, Diazinon, Quinalphos, Monocrotophos, Dimethyoate, Methamidophos, Ethion, Chlorfenvinphos, Cypermethrin, Permethrin, Deltamethrin, Lambda-cyhalothrin, Fenvalarate, Esfenvelarate, Cyfluthrin, Etofenprox, Carbaryl, Carbofuran, Captafol, Tolyl fluanide, Pentachloroanosole, Dichlofluanide,Mirex, Mevinphos, Chlordimeform, Dicrotophos, Bromophos, Isodrin, Kephone, Azinphos – ethyl,Azinphos – methyl, Trifluralin, Kelevane, Toxaphene, Azodicarbamide 2,4,5-trichlorophenoxyacetic acid, its salts and compounds (or) Fenoprop (or) Silvex, Coumaphos, Cyhalothrin, S,S,S-Tributyl phosphorotrithioate, (Tribufos), Dichloroprop,MCPA, MCPB, Mecoprop, Propethamphos. Profenophos, DEF (CAS # 78-48-8)
GTP_Chem_CPS_25182 C	Determination of Heavy Metals in Textiles. Antimony, Arsenic, Lead, Cadmium, Copper, Cobalt, Chromium, Nickel, Mercury, Barium, Selenium
GTP_Chem_CPS_25190B	Determination of Surface Area for Nickel Release Test-Nickel
GTP_Chem_CPS_25194A	Determination of Lead Release by Artificial Salvia Solution by ICP-OES
GTP_Chem_CPS_69428B	Determination of Banned Arylamines in Dyestuffs, Chemical Auxiliaries and Chemical FormulationsO-Toluidine,3,3 Dimethyl benzidine,2 Methoxy 5 methyl aniline (p-Cresidine),3,3' Dichloro benzidine,4 Chloro aniline,2,4,5 Trimethyl aniline,4,4 Diamino 3,3, dimethyl diphenyl Methane,4 Amino azo benzene,4 Amino phenylthio ether (4,4'-THIODIANILINE),4 Amino phenyl ether (.p,p'-Oxydianiline),3,3 Dimethoxy benzidine,4,4' Benzidine,Bis 4 (amino phenyl) methane,2 Anisidine ,o-amino azo toluene,4 Amino bi phenyl,4 chloro 2 methyl aniline 2,4 Diamino toluene,4,4 Methylene bis (2 chloroaniline),2 Amino naphthalene,2 Amino 4 nitro toluene,2,4-Xylidine,2,6-Xylidine,2,4-Diaminoanisole,Aniline,p-phenylene diamine,2-Naphthylammoniumacetate,2,4,5-trimethylaniline hydrochloride,4-chloro-o-toluidinium chloride,4-methoxy-m-phenylene diammonium sulphate
GTP_Chem_CPS_69533B	Determination of Chlorophenols in Dyestuffs, Chemical Auxiliaries and Chemical Formulations 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- Tri chloro phenol,2,4,6- Tri chloro phenol,3,4,5- 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, o-Phenyl phenol
GTP_Chem_CPS_69555B	To determine the amount of Chlorinated Organic Carriers (Chlorobenzenes and Chlorotoluenes) in Dyestuffs, Pigments and their auxiliaries and Chemical Formulations

	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,2,6-dichlorotoluene 2,5-dichlorotoluene,3,4-dichlorotoluene,2,3,6 trichlorotoluene,2,4,5-trichlorotoluene, Tetrachlorotoluene,2,3,4,5-Tetrachlorotoluene 2,3,4,6-Tetrachlorotoluene,2,3,5,6-Tetrachlorotoluene,α, α, α, 4-tetrachlorotoluene,α, α, α-trichlorotoluene,α -chlorotoluene Pentachlorotoluene,2,6, α, α-tetrachlorotoluene
GTP_Chem_CPS_69593B	Determination of Polycyclic Aromatic Hydrocarbons (PAH) in Dyestuffs, Chemical Auxiliaries and Chemical Formulations Benzo[e]pyrene, Benzo[j]fluoranthene, Benzo[a]pyrene, Benz[a]anthracene, Benzo(b)fluoranthene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Acenaphthene, Acenaphthylene, Anthracene, Benzo[ghi]perylene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, Phenanthrene, Pyrene,1-methyl pyrene, Cyclopenta(c,d)pyrene, Dibenz(a,h)pyrene, Dibenz(a,e)pyrene, Dibenz(a,i)pyrene, Dibenz(a,l)pyrene, 7H-Benzo (c) flourene, Benzo(b) naphtha(2,1-d) thiophene, 5-methyl chysene & Anthanthrene
GTP_Chem_CPS_69597B	Determination of Carcinogenic and Sensitizing-Disperse Dyes, Blue colorants and Quinoline in Dyestuffs Chemical Auxiliaries and Chemical Formulations Disperse blue-106, Disperse orange-37/76/59, Disperse blue-124, Disperse orange -1, Disperse orange-11,Basic violet-14,Direct black-38, Direct red -28,Acid red -26, Basic red- 9,Basic yellow 2, Disperse blue-102, Disperse blue-7,Disperse blue-3,Disperse orange -3, Disperse yellow-49, Disperse yellow-1, Disperse orange149,Disperse yellow-3,Disperse red- 17, Disperse red- 1,Disperse red-11,Disperse yellow-23, Disperse blue 26, Disperse yellow-9, Disperse yellow 39, Disperse yellow -7, Disperse brown-1, Disperse blue -35, Disperse blue -1, Direct Blue -6, Disperse orange 61, Acid red 114, solvent yellow 1, Solvent yellow 2, Solvent yellow 3, Naphthol AS, Acid violet-49, Basic Blue 26, Basic Violet 3, Disperse Yellow 56, Disperse red 151,Solvent Red 23,Basic Green 4 (oxalate),Basic Green 4 (chloride),Basic Green 4 (free),Solvent Yellow 14,Basic Violet 1,Direct Brown 95,Solvent Blue 4,4,4'-bis (dimethyl amino)-4''-(methylamino)trityl alcohol, Direct Blue 15,Disperse Yellow-56 methyl, Quinoline Michlers Base, Michlers Ketone, Direct Blue-218, Solvent Violet 9, Blue Colorant (Navy blue)
GTP_Chem_CPS_70053B	Determination of Flame Retardants in Chemical Auxiliaries and Chemical Formulations **Poly Brominated Biphenyl** 4-Bromobiphenyl 4,4'-dibromobiphenyl 2,4,5-tribromobiphenyl 3,3',4,4'-tetrabromobiphenyl 2,2',4,5,6'-pentabromobiphenyl 3,3',4,4',5,5'-hexabromobiphenyl 2,3,3',4,4',5,5'-heptabromobiphenyl 2,2' ,3,3',4.4',5,5-Octabromobiphenyl 2,2',3,3',4,4',5,5',6-nonabromobiphenyl Decabromobiphenyl **Poly Brominated diphenyl Ethers**

	4-bromodiphenylether 4,4'dibromodiphenylether 2,3,4'-tribromodiphenylether 2,4,4'-tribromodiphenylether 2,2',4,4'-tetrabromodiphenylether 2,2',4,4',6-pentabromodiphenylether 2,2',4,4',5,5'-hexabromodiphenylether 2,2',4,4',5,6-hexabromodiphenylether 2,2',3,4,4',5,6'-heptabromodiphenylether 2,2',3,4,4',5,5',6-octabromodiphenylether 2,2',3,3',4',5,5',6,6'-nonabromodiphenylether Decabromodiphenylether Hexa bromo cyclo dodecane-HBCDD Tri-(2,3-dibromopropyl)-phosphate-TRIS Tris –(Aziridinyl)-phosphinoxide)-TEPA Tris(2-Chloethyl)phosphate-TECP Tetra bromo bis phenol A-TBBPA Tri (2,3 dichloropropyl) phosphate – TDCPP 2,2-bis(bromomethyl)-1,3-propanediol (BBMP) Tri XylylPhosphate (TXP) Bis(2,3-dibromopropyl)phosphate (BDBPP) Tris(2-chloro-1-propyl)phosphate (TCPP) Tricresyl Phosphate (TCP) Triphenyl Phosphate (TPP) Isopropylated phenol phosphate (IPPP)
GTP_Chem_CPS_116523 A	Determination_of_Preservatives-Biocides_Pesticides, Triclosan, OPP, Permethrin, Azodicarbamide in Chemical Formulations
GTP_Chem_CPS_116524 A	Determination of Benzotriazoles (UV absorbers) in Chemical Formulations 2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol – UV 350 2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol – UV 328, Cyclic siloxanes (D4, D5, D6), 2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol – UV 327,2-Benzotriazol-2-yl-4,6-di-tert-butylphenol – UV 320
GTP_Chem_CPS_116525 A	Determination of Bisphenols in Chemical Formulations
GTP_Chem_CPS_116526 A	Determination of Aminoethylethanolamine (AEEA) and Other Ethanolamines Compounds in Chemical Formulations
GTP_Chem_CPS_116527 A	Determination of Thiourea in Chemical Formulations
GTP_Chem_CPS_116528 A	Determination of Total Heavy Metals Content in Chemical Formulations by ICP-OES / ICP-MS Aluminum, Arsenic, Antimony, Cobalt, Barium, Molybdenum, Zirconium, Sodium, Potassium, Chromium, Chromium VI, Strontium, Tin, Lead, Cadmium, Zinc, Mercury, Boron, Nickel, Titanium, Iron, Silver, Selenium, Copper
GTP_Chem_CPS_176071 A	Determination of IPA and DEG in polyethylene Terephthalate products
ISO 3071	Textiles - Determination of pH of aqueous extract
ISO 14184- Part 1	Textiles - Determination of formaldehyde - Part 1: Free and hydrolyzed formaldehyde (water extraction method)
ISO 14184 Part 2	Textiles - Determination of formaldehyde - Part 2: Released formaldehyde (vapour absorption method)
ISO 14389	Textiles - Determination of the phthalate content - Tetrahydrofuran method

	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- DCHP
ISO 17881-Part 1	Textiles - Determination of certain flame retardants - Part 1: Brominated flame retardants Monobromobiphenyl (MonoBB) Dibromobiphenyl (DiBB) Tribromobiphenyl (TriBB) Tetrabromobiphenyl (TetraBB) Pentabromo-1,1'-biphenyl (PentaBB) Hexabromobiphenyl (HexaBB) Heptabromo-1,1'-biphenyl (HeptaBB) Octabromobiphenyl (OctaBB) Nonabromobiphenyl (NonaBB) Decabromobiphenyl (DecaBB) Tetrabromodiphenylether (TetraBDE) Pentabromodiphenylether (PentaBDE) Hexabromodiphenylether (HexaBDE) Heptabromodiphenylether(HeptaBDE) Octabromodiphenylether (OctaBDE) Decabromodiphenylether (DecaBDE) Hexabromocyclododecane (HBCDD)
ISO 17881-Part 2	Textiles - Determination of certain flame retardants – Part 2 Phosphorus flame retardants Tris (2,3-dibromopropyl) phosphate (TRIS) Tris (1-aziridinyl) phosphineoxide (TEPA) Tris (2-chloroethyl) phosphate (TCEP)
ISO 18254-1	Textiles — Method for the detection and determination of alkylphenol ethoxylates (APEO) — Part 1: Method using HPLC-MS Octylphenolethoxylates & Nonylphenolethoxylate
ISO 22818	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)
ISO 24040	Textiles - Determination of certain benzotriazole compounds 2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol – UV 350 2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol – UV 328 2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol – UV 327 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol – UV 320
JIS L 1041	Test methods for resin finished textiles This Standard specifies the analysis and determination methods for resin finished textiles (including lace), and the determination method of free formaldehyde
LAB_P_SOP_51, Issue-01 Revision no.:00	Determination of PCB content 2-Chlorobiphenyl,2,3-Dichlorobiphenyl,2,2,5- Trichlorobiphenyl, 2,4,5-Trichlorobiphenyl, 2,2,3,5-Tetrachlorobiphenyl, 2,2,5,5-Tetrachlorobiphenyl, 2,3,4,4-Tetrachlorobiphenyl, 2,2,3,4,5-Pentachlorobiphenyl, 2,2,4,5,5-Pentachlorobiphenyl, 2,3,3,4,6-Pentachlorobiphenyl, 2,2,3,4,4,5 Hexachlorobiphenyl, 2,2,3,4,5,5-Hexachlorobiphenyl, 2,2,3,5,5,6-Hexachlorobiphenyl, 2,2,4,4,5,5- Hexachlorobiphenyl, 2,2,3,3,4,4,5-Heptachlorobiphenyl,2,2,3,4,4,5,5-Heptachlorobiphenyl, 2,2,3,4,4,5,6-

	Heptachlorobiphenyl, 2,2,3,4,5,5,6-Heptachlorobiphenyl, 2,2,3,3,4,4,5,5,6-Nonachlorobiphenyl
LAB_P_SOP_134, Revision no.:00	Smell Development (Odour) in Textiles and Leather Materials
LAB_P_SOP_160, Issue:01 Revision no.: 0	Determination of Heavy Metals and Toxic Elements content in Textiles, Leather, Plastics- Aluminum, Arsenic, Antimony, Cobalt, Barium, Molybdenum, Zirconium, Sodium, Potassium, Chromium, Strontium, Tin, Lead, Cadmium, Zinc, Mercury, Boron, Nickel, Titanium, Iron, Silver, Selenium, Copper, Manganese
LAB_P_SOP_168, Revision no.:02	Determination of Acetophenone ,2-Phenyl-2-Propanol and Formamide in Textiles, Leathers and Polymers
LAB_P_SOP_305, Revision no.:00	Determination Of Cresols Content in Textiles 5 Chloro-o-cresol, Para chloro meta cresol,4-Chloro-o-cresol, 2-chloro-5-methyl phenol,2,6 di tert butyl p-cresol
LAB_P_SOP_479	Determination of IPA and DEG in polyethylene Terephthalate products
LAB_P_SOP_484	Determination of other short chain aldehydes in textiles and Leather Acetaldehyde, Propionaldehyde, Butyraldehyde, Pentanal, Hexanal, Glutaraldehyde, Glyoxal
LFGB 82.02-1	Analysis of commodity goods; Determination of the release of formaldehyde from textile commodity goods
LFGB 82.02-Part 2	Investigation of consumer goods - Methods for the determination of certain aromatic amines from azo dyes in textiles - Part 1: Demonstration of the use of certain azo dyes with and without extraction of the fibres (adoption of the standard of the same name DIN EN ISO 14362-1, May 2017 O-Toluidine,3,3 Dimethyl benzidine,2 Methoxy 5 methyl aniline (p-Cresidine),3,3' Dichloro benzidine,4 Chloro aniline,2,4,5 Trimethyl aniline,4,4 Diamino 3,3, dimethyl diphenyl Methane,4 Amino azo benzene,4 Amino phenylthio ether (4,4'-THIODIANILINE),4 Amino phenyl ether (.p,p'-Oxydianiline),3,3 Dimethoxy benzidine,4,4' Benzidine,Bis 4 (amino phenyl) methane,2 Anisidine ,o-amino azo toluene,4 Amino bi phenyl,4 chloro 2 methyl aniline 2,4 Diamino toluene,4,4 Methylene bis (2 chloroaniline),2 Amino naphthalene,2 Amino 4 nitro toluene,2,4-Xylidine,2,6-Xylidine,2,4-Diaminoanisole, Aniline, p-phenylene diamine,
LFGB 82.02-part 4	Investigation of consumer goods - Method 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 fibre (adoption of the German standard of the same name DIN 14362-2, december 2003 edition) O-Toluidine,3,3 Dimethyl benzidine,2 Methoxy 5 methyl aniline (p-Cresidine),3,3' Dichloro benzidine,4 Chloro aniline,2,4,5 Trimethyl aniline,4,4 Diamino 3,3, dimethyl diphenyl Methane,4 Amino azo benzene,4 Amino phenylthio ether (4,4'-THIODIANILINE),4 Amino phenyl ether (.p,p'-Oxydianiline),3,3 Dimethoxy benzidine,4,4' Benzidine,Bis 4 (amino phenyl) methane,2 Anisidine ,o-amino azo toluene,4 Amino bi phenyl,4 chloro 2 methyl aniline 2,4 Diamino toluene,4,4 Methylene bis (2 chloroaniline),2 Amino naphthalene,2 Amino 4 nitro toluene,2,4-Xylidine,2,6-Xylidine,2,4-Diaminoanisole,Aniline,p-phenylene diamine,
LFGB 82.02-Part 8	Investigation of consumer goods - Detection and determination of pentachlorophenol in consumer goods, in particular leather and textiles (reference method)

LFGB 82.02-part 9	Investigation of consumer goods - Determination of certain azo dyes in dyed leathers - Part 2: Determination of 4-aminoazobenzene (adoption of the standard of the same name DIN EN ISO 17234-2, June 2011 edition)
PD CEN/TR 12471	Screening tests for nickel release from alloys and coatings in items that come into direct and prolonged contact with the skin Nickel (Qualitative test)-Nickel
pr EN 16711-3	Textiles - Determination of metal content - Part 3: Determination of lead release by artificial saliva solution
SNV 195651	Textiles - Determination of the development of smell of finishings (sensory test)
Field of Testing: Hazardous and Restricted Chemicals **Matrix: Leather and leather products and its accessories including metals, footwear components, Eva foam, silica gel, Dyes, Rubber, Coated materials, Polymeric, Plastics, Finger paints, Pigments and Auxiliaries**	
AfPS-GS-2019-01-PAK	Testing and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) Benzo[e]pyrene, Benzo[j]fluoranthene, Benzo[a]pyrene, Benz[a]anthracene, Benzo(b)fluoranthene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Acenaphthene, Acenaphthylene, Anthracene, Benzo[ghi]perylene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, Phenanthrene & Pyrene
ASTM D4275-2	Standard Test Method for Determination of Butylated Hydroxy Toluene (BHT) in Polymers of Ethylene and Ethylene-Vinyl Acetate (EVA) Copolymers By Gas Chromatography
DIN 55956	Binders for paints and varnishes; determination of monomer diisocyanates in isocynate resins Isophorone diisocyanate Tolylene-2,4-diisocyanate Methylene di-p-phenylene diisocyanate Hexamethylene diisocyanate
DIN EN 16778	Protective gloves – The determination of Dimethylforamide in gloves
DIN EN ISO 10283	Binders for paints and varnishes - Determination of monomeric diisocyanates in isocyanate resins Isophorone diisocyanate Tolylene-2,4-diisocyanate Methylene di-p-phenylene diisocyanate Hexamethylene diisocyanate
DIN EN ISO 11936	Leather - Determination of total content of certain bisphenols (ISO/DIS 11936:2022) Bisphenol A (BPA),Bisphenol S (BPS),Bisphenol F (BPF),Bisphenol AF (BPAF),Bisphenol Z(BPZ),Bisphenol B (BPB)
DIN EN ISO 13365-1	Leather - Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography - Part 1: Acetonitrile extraction method
DIN EN ISO 13365-2	Leather -- Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography -- Part 2: Artificial perspiration extraction method (ISO 13365-2:2020)
DIN EN ISO 18219-1	Leather - Determination of chlorinated hydrocarbons in leather - Part 1: Chromatographic method for 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 (MCCPs)

EN 420 – IUC – 18	Protective Gloves – General Requirements And Test Methods For Chrome VI
GB/T 19941-1	High performance liquid chromatography method (HPLC) to determine free and hydrolyzed formaldehyde content in leather and fur.
GB/T 19942	Leather and fur -- Chemical tests -- Determination of banned azo colorants O-Toluidine,3,3 Dimethyl benzidine,2 Methoxy 5 methyl aniline (p-Cresidine),3,3' Dichloro benzidine,4 Chloro aniline,2,4,5 Trimethyl aniline,4,4 Diamino 3,3, dimethyl diphenyl Methane,4 Amino azo benzene,4 Amino phenylthio ether (4,4'-THIODIANILINE),4 Amino phenyl ether (.p,p'-Oxydianiline),3,3 Dimethoxy benzidine,4,4' Benzidine,Bis 4 (amino phenyl) methane,2 Anisidine ,o-amino azo toluene,4 Amino bi phenyl,4 chloro 2 methyl aniline 2,4 Diamino toluene,4,4 Methylene bis (2 chloroaniline),2 Amino naphthalene,2 Amino 4 nitro toluene,2,4-Xylidine,2,6-Xylidine,2,4-Diaminoanisole,Aniline,p-phenylene diamine,2-Naphthylammoniumacetate,2,4,5-trimethylaniline hydrochloride,4-chloro-o-toluidinium chloride,4-methoxy-m-phenylene diammonium sulphate
GTP_Chem_CPS_25100B	Determination of 2-Mercaptobenzothiazole by HPLC
GTP_Chem_CPS_25101B	Determination of Nonylphenols, Octyphenols, Octylphenol ethoxylates & Nonylphenol Ethoxylates by LC-MS
GTP_Chem_CPS_25102D	Determination of Other Phenols excluding Chlorophenols 2,6 di methyl phenol, p-phenyl phenol, Tri bromo phenol Phenol, Octyl phenol, Nonyl phenol, Heptyl phenol, pentyl phenol
GTP_Chem_CPS_25106C	Determination of Poly Aromatic Hydrocarbons (PAH) in Plastics by GC-MS Benzo[e]pyrene, Benzo[j]fluoranthene, Benzo[a]pyrene, Benz[a]anthracene, Benzo(b)fluoranthene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Acenaphthene, Acenaphthylene, Anthracene, Benzo[ghi]perylene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, Phenanthrene, Pyrene,1-methyl pyrene, Cyclopenta(c,d)pyrene, Dibenz(a,h)pyrene, Dibenz(a,e)pyrene, Dibenz(a,i)pyrene , Dibenz(a,l)pyrene, 7H-Benzo (c) flourene, Benzo(b) naphtha(2,1-d) thiophene, 5-methyl chysene & Anthanthrene
GTP_Chem_CPS_25120D	Determination of Bisphenol A Content in Plastics by LCMSMS Bisphenol A (BPA)
GTP_Chem_CPS_25130C	Determination of Per- and polyfluoroalkyl substances (PFAS) by GC-MS GC-PCI-MS or GC-MS/MS and LC-MS/MS Perfluro octanoic acid – PFOA and its salts Perfluorooctane sulfonic acid – PFOS and its salts Perfluorooctane sulfonic acid potassium Perfluorotridecanoic acid Perfluroundecanoic acid N-perfluorododecanoic acid N-perflurotetradecanoic acid 1h,1h,2h,2h-perfluoro-1-decanol 1h,1h,2h,2h-perfluorohexan-1-ol 1h,1h,2h,2h-perfluorooctan-1-ol 1h,1h,2h,2h-perfluorododecan-1-ol Perfluorohexanoic acid Heptadecafluorononanoic acid 1,1,2,2,3,3,4,4,5,5,6,6,6 Tridecafluorohexane -1 sulphonic acid – PFHxS and its salts Nonafluoro butane sulphonic acid hydrate Perfluoroheptane Sulfonate (PFHpS)

	Perfluorodecane Sulfonate (PFDS) and its salts Perfluorooctane Sulfonamide (PFOSA) Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2) Perfluorobutane Acid (PFBA) Perfluoroheptane Acid (PFHpA) Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA) 7H-Dodecanefluoroheptane Acid (HPFHpA) 2H,2H-Perfluorodecane Acid (H2PFDA) 2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA) 2-(N-methylperfluoro- 1-octanesulfonamido) - ethanol (MeFOSE) N-methylperfluoro-1-octanesulfonamide (MeFOSA) N-ethylperfluoro-1-octanesulfonamide (EtFOSA) 1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA) 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) 1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA) Perfluorodecanoic acid (PFDA) Methyl perfluorooctanoate (Me-PFOA) Ethyl Perfluorooctanoate (Et-PFOA) Perfluorooctanesulfonyl fluoride (PFOSF) Perfluoropentanoic acid (PFPeA) 2-(N-ethylperfluoro- 1-octanesulfonamido) - ethanol (EtFOSE) Perfluorohexanesulphonic acid 1H,1H,2H,2H (4:2 FTS) Perfluorodecanesulphonic acid 1H,1H,2H,2H (8:2 FTS) Perfluorododecanesulphonic acid 1H,1H,2H,2H (10:2 FTS)
GTP_Chem_CPS_25150C	Determination of Chromium VI in Leather with IC-PCR-UV/VIS
GTP_Chem_CPS_25152B	Determination of Certain Isocynates in Plastic Materials Hexamethylene diisocyanate 1,3-bis(2-isocyanato-2-propyl)benzene Methylene di-p-phenylene diisocyanate Tolylene-2,4-diisocyanate Isophorone diisocyanate Cyclohexyl isocyanate 1,5 Diisocyanatonaphthalene 4,4 Bisoisocyanatophenyl oxide
GTP_Chem_CPS_25153B	Determination of Free Isocyanates in Textiles Hexamethylene diisocyanate 1,3-bis(2-isocyanato-2-propyl)benzene Methylene di-p-phenylene diisocyanate Tolylene-2,4-diisocyanate Isophorone diisocyanate Cyclohexyl isocyanate 1,5 Diisocyanatonaphthalene 4,4 Bisoisocyanatophenyl oxide
GTP_Chem_CPS_25171B	Determination of Volatile Organic Compounds (VOC) Acetone DCM n-Hexane Chlorofrom THF

	1,2-Dichlorethane Cyclohexane Carbon tetrachloride Benzene Trichloroethylene Toluene Tetrachloroethylene Xylene N,N-Dimethylacetamide Cyclohexanone Styrene 1,2,3-trichloro Propane Pentachloro Ethane 2-methoxy-Ethanol 1,2-dimethoxyEthane 2-ethoxy-Ethanol 2-Methoxyethyl acetate Ethylbenzene 2-Ethoxyethyl acetate 1,1,2,2-tetrachloro-Ethane Phenol 3-methyl-Phenol trans-Di-1,2-Chloroethylenel cis-Dichloroethylene 1,2-Dichloroethane 1,1,1-Trichloroethane 1,1,1,2-Tetrachloroethane
GTP_Chem_CPS_25171B	Determination of Volatile Organic Compounds (VOC) Acetophenone,2 phenyl 2 propanol, Formamide,Di methyl formamide N-methyl pyrrolidone,Bis 2 methoxy ethyl ether
GTP_Chem_CPS_25173 C	Determination of Heavy Metals in Shoes Materials by ICP Chromium,Cobalt,Nickel,Copper,Cadmium,Barium,Lead
GTP_Chem_CPS_25174B	Determination of Phthalates in Shoe Materials by Toluene Extraction Method
GTP_Chem_CPS_25175B	Footwear - Critical substances potentially present in footwear and footwear components - Part 1: Determination of phthalate with solvent extraction Di ethyl phthalate,Di N-Octyl phthalate,Di iso nonyl phthalate,Benzyl butyl phthalate,Di Butyl phthalate, Di iso decyl phthalate,Bis (2 Ethyl hexyl) phthalate,Bis-iso-pentylphthalates,N-pentyl-isopentyl ester,Dicycloexyl phthalates,Dipentyl phthalates,Bis-methoxy ethyl phthalates Di iso butyl phthalates,1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters,1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich,Di-n hexylphthalate Dimethyl phthalate,Di Decyl Phtalates (DDP),Di-n-propyl phthalate (DPrP) Diisooctyl phthalate (DIOP) ,Di-2-propyl heptyl phthalate (DPHP) DiisoHexylphthalate (DIHxP),1,2-Benzenedicarboxylicacid, dihexyl ester, branched and linear,1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 8 0.3% of dihexyl phthalate (EC No. 201-559-5),1,2-Benzenedicarboxylic acid dipentylester branched and linear (CAS# 84777-06-0)

GTP_Chem_CPS_25178C	Determination of Short Chain Chlorinated Paraffins (SCCP) & Medium Chain Chlorinated Paraffins (MCCP) in Leather, Textiles and Polymers Materials by GC-MS
GTP_Chem_CPS_25182C	Determination of Heavy Metals in Textiles. Antimony, Arsenic, Lead, Cadmium, Copper, Cobalt, Chromium, Nickel, Mercury, Barium, Selenium
GTP_Chem_CPS_25191B	Determination of Preserving Agents in Leather, Textiles and related Materials by LC Analysis n-Octylisothiazolinone 2-Thiocyanomethylthiobenzothiazol P-chloro-m-cresol Triclosan 1,2 Benzyl iso thizoline 3 one 2 methyl 4-ISO thiozoline 3 one 5 chloro 2 methyl 4 iso thiazoline 3 one Permethrin o-Phenylphenol
GTP_Chem_CPS_69482B	To determine the amount of Alkylphenols (Nonylphenols, Octylphenols), Alkylphenolethoxylates (Nonylphenolethoxylates, Octylphenolethoxlates) in chemicals and chemical formulations Alkylphenols are determined by GCMSMS or GCMS
GTP_Chem_CPS_69556B	Determination of Phthalates in Chemical Auxiliaries and Chemical Formulations Di ethyl phthalate,Di N-Octyl phthalate,Di iso nonyl phthalate,Benzyl butyl phthalate,Di Butyl phthalate, Di iso decyl phthalate,Bis (2 Ethyl hexyl) phthalate,Bis-iso-pentylphthalates,N-pentyl-isopentyl ester,Dicycloexyl phthalates,Dipentyl phthalates,Bis-methoxy ethyl phthalates Di iso butyl phthalates,1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters,1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich,Di-n hexylphthalate Dimethyl phthalate,Di Decyl Phtalates (DDP),Di-n-propyl phthalate (DPrP) Diisooctyl phthalate (DIOP) ,Di-2-propyl heptyl phthalate (DPHP) DiisoHexylphthalate (DIHxP),1,2-Benzenedicarboxylicacid, dihexyl ester, branched and linear,1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 8 0.3% of dihexyl phthalate (EC No. 201-559-5),1,2-Benzenedicarboxylic acid dipentylester branched and linear (CAS# 84777-06-0)
GTP_Chem_CPS_69589B	Determination of Organotin in Dyestuffs, Chemical Auxiliaries and Chemical Formulations Dibutyltin (DBT), Tributyltin (TBT), Monobutyltin (MBT), Monooctyltin (MOT), Dioctyltin (DOT), Tetrabutyltin (TeBT), Triphenyltin (TPhT), Tricychlohexyltin (TcyhT), Diphenytin, Di n prophyl tin, Methyl tin Bis- (Tributyl tin) Oxide (TBTO), Di-tert-butyl tin, Dibutyltindichloride (DBTC), Tri-n-octyltin, Trimethyl tin, Dimethyl tin, MonoPhenyl tin, Tetraethyltin, Tetraoctyltin
GTP_Chem_CPS_69593B	Determination of Polycyclic Aromatic Hydrocarbons (PAH) in Dyestuffs, Chemical Auxiliaries and Chemical Formulations Benzo[e]pyrene, Benzo[j]fluoranthene, Benzo[a]pyrene, Benz[a]anthracene, Benzo(b)fluoranthene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Acenaphthene, Acenaphthylene, Anthracene, Benzo[ghi]perylene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene,

	Naphthalene, Phenanthrene, Pyrene,1-methyl pyrene, Cyclopenta(c,d)pyrene, Dibenz(a,h)pyrene, Dibenz(a,e)pyrene, Dibenz(a,i)pyrene , Dibenz(a,l)pyrene, 7H-Benzo (c) flourene, Benzo(b) naphtha(2,1-d) thiophene, 5-methyl chysene & Anthanthrene
GTP_Chem_CPS_69599B	To determine Glycol Ethers, Halogenated Solvents, Volatile Organic Compounds by Head Space-GCMS for non-aqueous samples (or) samples free from water. ALS (Auto-Liquid Sampler)-GCMS is used for samples containing water or water based samples DCM 2 methoxy ethanol, Ethylene glycol dimethyl ether,Benzene.1,2 dihloroethane,O-Cresol,p-Cresol, m-Cresol,Tetraglym,Xylene (Isomers),2 ethoxy ethyl acetate, Bis(2-methoxy ethyl)-ether, Trichloro ethylene,2 ethoxy ethanol, tetrachlorethylene, 2 methoxy ethyl acetate, 2 methoxy propyl acetate
GTP_Chem_CPS_70068B	Determination of Short Chain Chlorinated Paraffins (SCCP) and Medium Chain Chlorinated Paraffins (MCCP) in Chemical Auxiliaries and Chemical Formulations
GTP_Chem_CPS_70074B	the determination of Perfluorocompounds in Chemical Auxiliaries and Chemical Formulations used in facilities processing textile materials and leather by solvent extraction followed by LCMSMS. Fluorotelomers are done by using GCMSMS after solvent extraction. Perfluro octanoic acid – PFOA and its salts Perfluorooctane sulfonic acid – PFOS and its salts Perfluorooctane sulfonic acid potassium Perfluorotridecanoic acid Perfluroundecanoic acid N-perfluorododecanoic acid N-perflurotetradecanoic acid 1h,1h,2h,2h-perfluoro-1-decanol 1h,1h,2h,2h-perfluorohexan-1-ol 1h,1h,2h,2h-perfluorooctan-1-ol 1h,1h,2h,2h-perfluorododecan-1-ol Perfluorohexanoic acid Heptadecafluorononanoic acid 1,1,2,2,3,3,4,4,5,5,6,6,6 Tridecafluorohexane -1 sulphonic acid – PFHxS and its salts Nonafluoro butane sulphonic acid hydrate Perfluoroheptane Sulfonate (PFHpS) Perfluorodecane Sulfonate (PFDS) and its salts Perfluorooctane Sulfonamide (PFOSA) Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2) Perfluorobutane Acid (PFBA) Perfluoroheptane Acid (PFHpA) Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA) 7H-Dodecanefluoroheptane Acid (HPFHpA) 2H,2H-Perfluorodecane Acid (H2PFDA) 2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA) 2-(N-methylperfluoro- 1-octanesulfonamido) - ethanol (MeFOSE) N-methylperfluoro-1-octanesulfonamide (MeFOSA) N-ethylperfluoro-1-octanesulfonamide (EtFOSA) 1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)

	1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) 1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA) Perfluorodecanoic acid (PFDA) Methyl perfluorooctanoate (Me-PFOA) Ethyl Perfluorooctanoate (Et-PFOA) Perfluorooctanesulfonyl fluoride (PFOSF) Perfluoropentanoic acid (PFPeA) 2-(N-ethylperfluoro- 1-octanesulfonamido) - ethanol (EtFOSE) Perfluorohexanesulphonic acid 1H,1H,2H,2H (4:2 FTS) Perfluorodecanesulphonic acid 1H,1H,2H,2H (8:2 FTS) Perfluorododecanesulphonic acid 1H,1H,2H,2H (10:2 FTS)
GTP_Chem_CPS_CPS_25151C	Determination of Hexavalent Chromium (CrVI) in Leather by UV-VIS
ISO 4045 (IULTCS/IUC 11)	Leather - Chemical tests - Determination of pH and difference
ISO 16186	Footwear - Critical substances potentially present in footwear and footwear components - Determination of dimethyl fumarate (DMFU)
ISO 17070-(IULTCS/IUC 25)	Leather -Determination of tetrachlorophenol, Trichlorophenol, Dichlorophenol, Monochlorophenol isomers and Pentachlorophenol content o-Phenyl phenol, 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
ISO 17072-1	Leather - Chemical determination of metal content - Part 1: Extractable metals Antimony, Arsenic, Lead, Cadmium, Copper, Cobalt, Chromium, Nickel, Mercury
ISO 17072-2	Leather - Chemical determination of metal content - Part 2: Total metal content Aluminum, Arsenic, Antimony, Cobalt, Barium, Molybdenum, Zirconium, Sodium, Potassium, Calcium, Magnesium Chromium, Strontium, Tin, Zinc, Boron, Lead, Cadmium, Mercury, Nickel, Titanium, Iron, Silver, Selenium, Copper
ISO 17075-part 1	Leather - Chemical determination of chromium(VI) content in leather - Part 1: Colorimetric method (ISO 17075-1:2017)
ISO 17075-part 2	Leather - Chemical determination of chromium(VI) content in leather - Part 2: Chromatographic method
ISO 17226-1 (IULTCS/IUC 19)	Leather - Chemical determination of formaldehyde content - Part 1: Method using high-performance liquid chromatography
ISO 17226-2 (IULTCS/IUC 19)	Leather - Chemical determination of formaldehyde content - Part 2: Method using colorimetric analysis
ISO 17234-part 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 O-Toluidine,3,3 Dimethyl benzidine,2 Methoxy 5 methyl aniline (p-Cresidine),3,3' Dichloro benzidine,4 Chloro aniline,2,4,5 Trimethyl aniline,4,4 Diamino 3,3, dimethyl diphenyl Methane,4 Amino azo benzene,4 Amino phenylthio ether (4,4'-THIODIANILINE),4 Amino phenyl ether (.p,p'-Oxydianiline),3,3 Dimethoxy benzidine,4,4' Benzidine,Bis 4 (amino phenyl)

	methane,2 Anisidine ,o-amino azo toluene,4 Amino bi phenyl,4 chloro 2 methyl aniline 2,4 Diamino toluene,4,4 Methylene bis (2 chloroaniline),2 Amino naphthalene,2 Amino 4 nitro toluene,2,4-Xylidine,2,6-Xylidine,2,4-Diaminoanisole,Aniline,p-phenylene diamine,
ISO 17234-part 2	Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 2: Determination of 4-aminoazobenzene
ISO 18218-1	Leather - Determination of ethoxylated alkylphenols - Part 1: Direct method Nonyl Phenol Ethoxylates(NPEO),Octyl Phenol Ethoxylates(OPEO),Nonyl Phenol(NP),Octyl Phenol(OP)
ISO 18218-2	Leather - Determination of ethoxylated alkylphenols - Part 2: Indirect method Nonyl Phenol Ethoxylates(NPEO),Octyl Phenol Ethoxylates(OPEO),Nonyl Phenol(NP),Octyl Phenol(OP)
ISO 19070	Leather - Chemical determination of N-methyl-2-pyrrolidone(NMP) in leather
ISO 19577	Footwear - Critical substances potentially present in footwear and footwear components - Determination of Nitrosamines N-nitrosodimethylamine (NDMA) N-nitrosodiethylamine (NDEA) N-nitrosopyrrolidine (NPYR) N-nitrosomorpholine (NMOR) N-nitrosodipropylamine (NDPA) N-nitrosodibutylamine (NDBA) N-nitrosopiperidine (NPIP) N-nitrosobutylamine(NDiBA) N-nitrosodibenzylamine (NDBzA) N-nitrosodiisononylamine (NDINA) N-nitroso N-methyl-N-phenylamine (NMPhA) N-nitroso N-ethyl N-phenylamine (NEPhA) N-nitrosodiethanolamine(NDELA) N-nitrosodiisoprropylamine(NDiPA)
ISO 20344: Section 6.9	Determination of pH value
ISO 20344: Section 6.11	Determination of Chromium VI content
ISO 20345: Section 5.3.6	Determination of Chromium VI content
ISO 20345: Section 5.3.6	Determination of pH value
ISO 20346: Section 5.3.6	Determination of Chromium VI content
ISO 20346: Section 5.3.6	Determination of pH value
ISO 20347: Section 5.3.5	Determination of Chromium VI content
ISO 20347: Section 5.3.5	Determination of pH value
ISO 20536	Footwear - Critical substances potentially present in footwear and footwear components - Determination of phenol in footwear materials (ISO 20536:2017)
ISO 22517	Leather - Chemical tests - Determination of pesticide residues content 2,4-DDD,2,4-DDE,2,4-DDT,Alachlor,Aldrin,4,4-DDE,4,4-DDD 4,4-DDT,Hexachlorcyclohexane-alpha,Hexachlorcyclohexane-beta Hexachlorcyclohexane-gamma Lindane),Hexachlorcyclohexane-Delta Malathion,Methoxychlor,Dieldrin,Ethyl parathion,Alpha-endosulfan Beta-endosulfan,Mirex,Dichlofluanide,Tolyl fluanide,Pentachloroanisole Permethrin,Chlorothalonil ,Pentachlorophenol
ISO 23702-1	Leather - Organic fluorine - Part 1: Determination of the non-volatile compound content by extraction method using liquid chromatography/tandem mass spectrometry detector (LC-MS/MS) Perfluorooctane-sulfonic-acid

	Perfluorohexane sulfonique Perfluorooctanoic-acid Perfluorononanoic-acid Perfluoroundecanoic-acid Perfluorododecanoic-acid Perfluorotridecanoic-acid Perfluorotetradecanoic-acid Perfluorobutanesulfonic acid Perfluorobutanoic acid Perfluoropentanoic acid Perfluorohexanoic acid Perfluoroheptanoic acid Perfluorodecanoic acid Perfluorooctanesulfonamide
ISO/TS 16179	Footwear - Critical substances potentially present in footwear and footwear components - Determination of organotin compounds in footwear materials Dibutyltin (DBT), Tributyltin (TBT), Monobutyltin (MBT), Monooctyltin (MOT), Dioctyltin (DOT), Tetrabutyltin (TeBT), Triphenyltin (TPhT) & Tricychlohexyltin (TcyhT)
ISO/TS 16181-1	Footwear - Critical substances potentially present in footwear and footwear components - Part 1: Determination of phthalate with solvent extraction Di ethyl phthalate Di N-Octyl phthalate Di iso nonyl phthalate Benzyl butyl phthalate Di Butyl phthalate Di iso decyl phthalate Bis (2 Ethyl hexyl) phthalate Bis-iso-pentylphthalates N-pentyl-isopentyl ester Dicycloexyl phthalates Dipentyl phthalates Di iso butyl phthalates 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich Di-n hexylphthalate Di methoxy ethyl phthalate Dimethyl phthalate Di Decyl Phtalates (DDP) Di-n-propyl phthalate (DPrP) Diisooctyl phthalate (DIOP) Di-2-propyl heptyl phthalate (DPHP) DiisoHexylphthalate (DIHxP) 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 8 0.3% of dihexyl phthalate (EC No. 201-559-5) 1,2-Benzenedicarboxylic acid dipentylester branched and linear (CAS# 84777-06-0)

ISO/TS 16189	Footwear - Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine dimethylformamide in footwear materials
ISO/TS 16190	Footwear - Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine polycyclic aromatic hydrocarbons (PAHs) in footwear materials Benzo[e]pyrene, Benzo[j]fluoranthene, Benzo[a]pyrene, Benz[a]anthracene, Benzo(b)fluoranthene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Acenaphthene, Acenaphthylene, Anthracene, Benzo[ghi]perylene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, Phenanthrene & Pyrene
LAB_P_SOP_51, Issue-01 Revision no.: 00	Determination of PCB content 2-Chlorobiphenyl,2,3-Dichlorobiphenyl,2,2,5-Trichlorobiphenyl,2,4,5-Trichlorobiphenyl,2,2,3,5-Tetrachlorobiphenyl,2,2,5,5-Tetrachlorobiphenyl 2,3,4,4-Tetrachlorobiphenyl,2,2,3,4,5-Pentachlorobiphenyl,2,2,4,5,5-Pentachlorobiphenyl,2,3,3,4,6-Pentachlorobiphenyl,2,2,3,4,4,5-Hexachlorobiphenyl,2,2,3,4,5,5-Hexachlorobiphenyl,2,2,3,5,5,6-Hexachlorobiphenyl,2,2,4,4,5,5-Hexachlorobiphenyl,2,2,3,3,4,4,5-Heptachlorobiphenyl,2,2,3,4,4,5,5-Heptachlorobiphenyl,2,2,3,4,4,5,6-Heptachlorobiphenyl,2,2,3,4,5,5,6-Heptachlorobiphenyl,2,2,3,3,4,4,5,5,6-Nonachlorobiphenyl
LAB_P_SOP_53, Revision: 03	Determination of Flame Retardants in textile and leather materials Poly Brominated Biphenyl 4-Bromobiphenyl 4,4'-dibromobiphenyl 2,4,5-tribromobiphenyl 3,3',4,4'-tetrabromobiphenyl 2,2',4,5,6'-pentabromobiphenyl 3,3',4,4',5,5'-hexabromobiphenyl 2,3,3',4,4',5,5'-heptabromobiphenyl 2,2' ,3,3',4.4',5,5 Octabromobiphenyl 2,2',3,3',4,4',5,5',6-nonabromobiphenyl Decabromobiphenyl Poly Brominated diphenyl Ethers 4-bromodiphenylether 4,4'dibrmodiphenylether 2,3,4'-tribromodiphenylether 2,4,4'-tribromodiphenylether 2,2',4,4'-tetrabromodiphenylether 2,2',4,4',6-pentabromodiphenylether 2,2',4,4',5,5'-hexabromodiphenylether 2,2',4,4',5,6-hexabromodiphenylether 2,2',3,4,4',5,6'-heptabromodiphenylether 2,2',3,4,4',5,5',6-octabromodiphenylether 2,2',3,3',4',5,5',6,6'-nonabromodiphenylether Decabromodiphenylether Hexa bromo cyclo dodecane-HBCDD Tri-(2,3-dibromopropyl)-phosphate-TRIS Tris –(Aziridinyl)-phosphinoxide)-TEPA Tris(2-Chloethyl)phosphate-TECP Tetra bromo bis phenol A-TBBPA Tri (2,3 dichloropropyl) phosphate – TDCPP

	2,2-bis(bromomethyl)-1,3-propanediol (BBMP) Tri XylylPhosphate (TXP) Bis(2,3-dibromopropyl)phosphate (BDBPP) Tris(2-chloro-1-propyl)phosphate (TCPP) Tricresyl Phosphate (TCP) Triphenyl Phosphate (TPP) Isopropylated phenol phosphate (IPPP)
LAB_P_SOP_134, Revision no.: 0	Development (Odour) in Textiles and Leather Materials
LAB_P_SOP_168, Revision no.: 02	Determination of Acetophenone ,2-Phenyl-2-Propanol and Formamide in Textiles, Leathers and Polymers
LAB_P_SOP_304, Revision no.: 00	Determination of BHT Content In Polymers-BHT
LFGB 82.02 part 3	Testing of consumer goods - Chemical tests for the determination of certain azo dyes in dyed leathers - Part 1: Determination of certain aromatic amines from azo dyes (adoption of the standard of the same name DIN EN ISO 17234-1, December 2020 edition) O-Toluidine,3,3 Dimethyl benzidine,2 Methoxy 5 methyl aniline (p-Cresidine),3,3' Dichloro benzidine,4 Chloro aniline,2,4,5 Trimethyl aniline,4,4 Diamino 3,3, dimethyl diphenyl Methane,4 Amino azo benzene,4 Amino phenylthio ether (4,4'-THIODIANILINE),4 Amino phenyl ether (.p,p'-Oxydianiline),3,3 Dimethoxy benzidine,4,4' Benzidine,Bis 4 (amino phenyl) methane,2 Anisidine ,o-amino azo toluene,4 Amino bi phenyl,4 chloro 2 methyl aniline 2,4 Diamino toluene,4,4 Methylene bis (2 chloroaniline),2 Amino naphthalene,2 Amino 4 nitro toluene,2,4-Xylidine,2,6-Xylidine,2,4-Diaminoanisole,Aniline,p-phenylene diamine,
LFGB 82.02 part 9	Investigation of consumer goods - Determination of certain azo dyes in dyed leathers - Part 2: Determination of 4-aminoazobenzene (adoption of the standard of the same name DIN EN ISO 17234-2, June 2011 edition)
Field of Testing: Hazardous and 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)**	
ASTM F963-17 (4.3.8)	Standard Consumer Safety Specification on Toy Safety Bis (2 Ethyl hexyl) phthalate
ASTM F963-17 (4.20.1)	Standard Consumer Safety Specification for Toy Safety N-nitrosodimethylamine (NDMA) N-nitrosodiethylamine (NDEA) N-nitrosodipropylamine (NDPA) N-nitrosodibutylamine (NDBA) N-nitrosopiperidine (NPIP) N-nitrosopyrrolidine (NPYR) N-nitrosomorpholine (NMOR) N-nitrosodibenzylamine (NDBzA) N-nitrosodiisononylamine (NDINA) N-nitroso N-methyl-N-phenylamine (NMPhA) N-nitroso N-ethyl N-phenylamine (NEPhA) N-nitrosodiethanolamine(NDELA) N-nitrosodiisoprropylamine(NDiPA)

	N-nitrosobutylamine(NDiBA)
CPSC-CH-C-1001-09.4	Standard Operating Procedure for Determination of Phthalates Dipentyl phthalate, Di iso nonyl phthalate, Benzyl butyl phthalate, Di Butyl phthalate, Di n hexyl phathalate, Di iso- butyl phthalates, Bis (2 Ethyl hexyl) phthalate,Di-cyclohexyl phthalate- DCHP
DIN EN 12868	Child use and care articles - Method for determining the release of N-nitrosamines and N-nitrosatable substances from elastomer or rubber teats and soothers N-nitrosodimethylamine (NDMA) N-nitrosodiethylamine (NDEA) N-nitrosodipropylamine (NDPA) N-nitrosodibutylamine (NDBA) N-nitrosopiperidine (NPIP) N-nitrosopyrrolidine (NPYR) N-nitrosomorpholine (NMOR) N-nitrosodibenzylamine (NDBzA) N-nitrosodiisononylamine (NDINA) N-nitroso N-methyl-N-phenylamine (NMPhA) N-nitroso N-ethyl N-phenylamine (NEPhA) N-nitrosodiisobutylamine(NDiBA
EN 71 part 3	Safety of toys - Part 3: Migration of certain Test Parameters Antimony, Arsenic, Lead, Cadmium, Mercury, Copper, Nickel, Cobalt, Barium, Boron, Chromium III, Chromium VI, Strontium, Selenium, Zinc, Manganese, Aluminium, Chromium, Tin & Organo tin
EN 71-12	Safety of toys - Part 12: N-Nitrosamines and N-nitrosatable substances N-nitrosodimethylamine (NDMA) N-nitrosodiethylamine (NDEA) N-nitrosodipropylamine (NDPA) N-nitrosodibutylamine (NDBA) N-nitrosopiperidine (NPIP) N-nitrosopyrrolidine (NPYR) N-nitrosomorpholine (NMOR) N-nitrosodibenzylamine (NDBzA) N-nitrosodiisononylamine (NDINA) N-nitroso N-methyl-N-phenylamine (NMPhA) N-nitroso N-ethyl N-phenylamine (NEPhA) N-nitrosodiisobutylamine(NDiBA
GTP_Chem_CPS_25141B	Safety of Toys: Migration of Certain Test Parameters
GTP_Chem_CPS_25164B	Toys and Children Products: Certain banned Phthalate Plasticizers in PVC by GC-MS – GB Di n-octyl phthalate,Di iso nonyl phthalate Benzyl butyl phthalate,Dibutyl phthalate, Di iso decyl phthalate) Bis (-2- ethylhexyl) phthalate
GTP_Chem_CPS_25165B	Child use and Care Articles: Soother Holder, Cutlery and Feeding Utensils - Certain banned Phthalate Plasticizers in PVC Di ethyl phthalate Di N-Octyl phthalate Di iso nonyl phthalate Benzyl butyl phthalate Di Butyl phthalate Di iso decyl phthalate

	Bis (2 Ethyl hexyl) phthalate Bis-iso-pentylphthalates N-pentyl-isopentyl ester Dicycloexyl phthalates Dipentyl phthalates Di iso butyl phthalates 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich Di-n hexylphthalate Dimethyl phthalate Dipentyl phthalate (DPP) Di Decyl Phtalates (DDP) Di-n-propyl phthalate (DPrP) Diisooctyl phthalate (DIOP) Di-2-propyl heptyl phthalate (DPHP)
GTP_Chem_CPS_25189B	Determination of Nitrosamines N-nitrosodimethylamine (NDMA) N-nitrosodiethylamine (NDEA) N-nitrosodipropylamine (NDPA) N-nitrosodibutylamine (NDBA) N-nitrosopyrrolidine (NPYR) N-nitrosomorpholine (NMOR) N-nitrosodibenzylamine (NDBzA) N-nitrosodiisononylamine (NDINA) N-nitroso N-methyl-N-phenylamine (NMPhA) N-nitroso N-ethyl N-phenylamine (NEPhA) Nitrosodiethanolamine(NDELA) N-nitrosodiisoprropylamine(NDiPA) N-nitrosodiisobutylamine(NDiBA)
Field of Testing: Hazardous and Restricted Chemicals **Matrix: Waste and effluent water**	
APHA 23rd Edition; 2320B	Alkalinity -Titration method
APHA 23rd Edition; 2340C	Hardness- EDTA titrimetric method
APHA 23rd Edition; 2510 A,B	Electrical conductivity Method
APHA 23rd Edition; 2540C	Total dissolved solids dried at 180°C
APHA 23rd Edition; 2540D	Total suspended solids dried at 103-105 °C
APHA 23rd Edition; 2550	Temperature
APHA 23rd Edition; 4500H+	pH value by Electrometric method
APHA 23rd Edition; 3125B	Inductively coupled plasma mass spectrometry -Determine trace elements in solution Antimony,Chromium,Cobalt,Copper,Nickel,Silver,Zinc,Arsenic Cadmium,Lead,Mercury,Barium,Selenium,Tin
APHA 23rd Edition; 3500-Ca B	Calcium-EDTA titrimetric method
APHA 23rd Edition; 4500 Cl-B	Chloride -Argentometric method
APHA 23rd Edition; 4500F	Sulfide -Iodometric method

APHA 23rd Edition; 4500-N	Nitrogen-Macro Kjeldahl method
APHA 23rd Edition; 4500NH_3C	Nitrogen (Ammonia)
APHA 23rd Edition; 4500-P D	Phosphrous
APHA 23rd Edition; 4500 SO_3^2B	Sulfite-Iodometric method
APHA 23rd Edition; 5210 B	Biological Oxygen demand (BOD)-5 days BOD test
APHA 23rd Edition; 5220 B	Chemical Oxygen demand (COD)-Open reflux method
APHA 23rd Edition; 5220 C	Chemical Oxygen demand (COD)-Close Reflux, Titrimetric Method
APHA 23rd Edition; 5520B	Oil and grease
ASTM D7065	Test Method for Determination of Nonylphenol, Bisphenol A, p-tert-Octylphenol, Nonylphenol Monoethoxylate and Nonylphenol Diethoxylate in Environmental Waters by Gas Chromatography Mass Spectrometry Nonyl Phenol Ethoxylates(NPEO),Octyl Phenol Ethoxylates(OPEO),Nonyl Phenol(NP),Octyl Phenol(OP)
DIN 38407 Part 39	Determination of selected polycyclic aromatic hydrocarbons (PAH) - Method using gas chromatography with mass spectrometric detection (GC-MS) (F 39) 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, Dibenz[a,h]anthracene, Benzo[a]anthracene, Acenaphthene, Phenanthrene,Fluorene Naphthalene
DIN 38407 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 (F 42) PFOS ,PFOA, PFBS, PFHxA
EN ISO 11885	Water quality — Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP-OES) Antimony,Chromium,Cobalt,Copper,Nickel,Silver,Zinc,Arsenic Cadmium,Lead,Mercury,Barium,Selenium,Tin
EN ISO 18412	Water quality — Determination of chromium(VI) — Photometric method for weakly contaminated water
GTP_Chem_CPS_25108B	Determination of Azo dyes in Industrial waste water O-Toluidine 3,3 Dimethyl benzidine 2 Methoxy 5 methyl aniline (p-Cresidine) 3,3' Dichloro benzidine 4 Chloro aniline 2,4,5 Trimethyl aniline 4,4 Diamino 3,3, dimethyl diphenyl Methane 4 Amino azo benzene 4 Amino phenylthio ether (4,4'-THIODIANILINE) 4 Amino phenyl ether (.p,p'-Oxydianiline)

	3,3 Dimethoxy benzidine 4,4' Benzidine Bis 4 (amino phenyl) methane 2 Anisidine o-amino azo toluene 4 Amino bi phenyl 4 chloro 2 methyl aniline 2,4 Diamino toluene 4,4 Methylene bis (2 chloroaniline) 2 Amino naphthalene 2 Amino 4 nitro toluene 2,4-Xylidine 2,6-Xylidine 2,4-Diaminoanisole Aniline p-phenylene diamine 2-Naphthylammoniumacetate 2,4,5-trimethylaniline hydrochloride 4-chloro-o-toluidinium chloride 4-methoxy-m-phenylene diammonium sulphate
GTP_Chem_CPS_25109B	Determination of Carcinogenic and Allergenic dyes in Industrial waste water 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 1 Disperse Red 17 Disperse Blue 26 Disperse Blue 35 Disperse Blue 124 Disperse Yellow 9 Disperse Orange 3 C.I. Direct Black 38 C.I. Direct Blue 6 C.I. Acid Red 26 C.I. Basic Red 9 C.I. Direct Red 28 C.I. Basic Violet 14 C.I. Disperse Blue 3 C.I. Disperse Blue 1 C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) C.I. Basic Green 4 (malachite green chloride) C.I. Basic Green 4 (malachite green oxalate) C.I. Basic Green 4 (malachite green) Disperse Orange 11 Disperse Blue-7 Disperse Yellow-49

	Navy Blue colourant Basic Violet-3 (with Michler's Ketone > 0.1%) Acid Violet-49
GTP_Chem_CPS_25110B .2016	Determination of Chlorinated organic carriers in Industrial waste water 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 Pentachlorotoluene
GTP_Chem_CPS_25112B .2016	Determination of Flame retardant in Industrial waste water Tris(2-chloroethyl)phosphate Tris(2,3,-dibromopropyl)-phosphate Bis(2,3-dibromopropyl)phosphate Tris(1-aziridinyl)phosphine oxide) Tetrabromobisphenol A Hexabromocyclododecane 2,2-bis(bromomethyl)-1,3-propane¬diol Tris(1,3-dichloro-isopropyl) phosphate Decabromodiphenyl ether (DecaBDE) Pentabromodiphenyl ether (PentaBDE) Octa-bromo-diphenyl-ether(OctaBDE) Polybromobiphenyls (PBB) Short-chain chlorinated Paraffins (SCCP) (C10-C13) Medium Chain chlorinated Paraffins (MCCP) (C14-C17) Tris(2-chloro-1-methylethyl)phosphate(TCPP) Decabromobiphenyl (DecaBB) Dibromobiphenyls (DiBB) Dibromopropylether

	Heptabromodiphenyl ether (HeptaBDE) Hexabromodiphenyl ether (HexaBDE) Monobromobiphenyls (MonoBB) Monobromodiphenylethers (MonoBDEs) Nonabromobiphenyls (NonaBB) Nonabromodiphenyl ether (NonaBDE) Tetrabromodiphenyl ether (TetraBDE)
GTP_Chem_CPS_25114B	Determination of Organotin compounds in Industrial waste water Monomethyltin, Dimethyltin,Trimethyltin,Monobutyltin,Dibutyltin Tributyltin,Tetrabutyltin,Monophenyltin,Diphenyltin,Triphenyltin Monooctyltin,Dioctyltin,Trioctyltin,Dipropyltin,Tetraethyltin, Tetraoctyltin, Tricyclohexyltin,Tripropyltin
GTP_Chem_CPS_25115B .2016	Determination of Chlorinated phenol in Industrial waste water 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- Tri chloro phenol,2,4,6- Tri chloro phenol 3,4,5- 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,o-Phenyl phenol Triclosan,Permethrin
GTP_Chem_CPS_25116B	Determination of Perfluorocarbons in Industrial waste water PFOS,PFOA,PFBS,PFHxA,8:2 FTOH,6:2 FTOH
GTP_Chem_CPS_25117B	Determination of Phthalate esters in Industrial waste water Di-(2-ethyl-hexyl)-phthalate(DEHP), Bis-(2-methoxy-ethyl)-phthalate(DMEP), Di-n-octyl-phthalate(DNOP),Di-iso-decyl-phthalate(DIDP),Di-iso-nonyl- phthalate(DINP) Di-n-hexyl phthalate (DnHP),Di-butyl-phthalate(DBP) Benzyl-butyl-phthalate(BBP),Di-nonyl-phthalate(DNP) Di-ethyl-phthalate(DEP),Di-n-propyl phthalate (DPRP) Di-iso-butyl-phthalate(DIBP),Di-cyclohexyl phthalate (DCHP) Di-iso-octyl phthalate (DIOP),1,2-Benzene-di-carboxylic acid, di-C7,11- branched and linear alkyl esters(DHNUP),Di-iso-heptyl-phthalate(DIHP), Diisopentylphthalate (DIPP)
GTP_Chem_CPS_25118B	Determination of Volatile organic compounds in Industrial waste water 1,2-dichloroethane,Methylene chloride, Trichloroethylene Tetrachloroethylene, Benzyl chloride
GTP_Chem_CPS_25118B	Determination of Volatile organic compounds in Industrial waste water Benzene, Xylene, o-cresol, p-cresol, m-cresol, Dimethyl formamide Toluene
ISO 7887-B	Water quality — Examination and determination of colour
ISO 9377 Part 1	Determination of Hydrocarbon Oil Index - Part 1: Method Using Solvent Extraction and Gravimetry
ISO 10523	Determination of pH
ISO 11423 Part 1	Water quality — Determination of benzene and some derivatives — Part 1: Head-space gas chromatographic method 1,2-dichloroethane,Methylene chloride, Trichloroethylene Tetrachloroethylene, Benzyl chloride, Benzene,Xylene,Toluene
ISO 11923	Water quality — Determination of suspended solids by filtration through glass- fibre filters
ISO 17353	Water quality — Determination of selected organotin compounds — Gas chromatographic method Monobutyltin, Dibutyltin,Tributyltin, Tetrabutyltin, Triphenyltin

	Monooctyltin,Dioctyltin,, Tricyclohexyltin
ISO 18856	Water quality — Determination of selected phthalates using gas chromatography/mass spectrometry Di-(2-ethyl-hexyl)-phthalate(DEHP),Di-ethyl-phthalate(DEP),Di-n-propyl phthalate (DPRP),Di-iso-butyl-phthalate(DIBP),Di-butyl-phthalate(DBP),Benzyl-butyl-phthalate(BBP), Di-cyclohexyl phthalate (DCHP), Di-n-octyl-phthalate(DNOP)
ISO 18857 Part 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 Nonyl Phenol Ethoxylates(NPEO),Octyl Phenol Ethoxylates(OPEO),Nonyl Phenol(NP),Octyl Phenol(OP)
ISO 22032	Water quality — Determination of selected polybrominated diphenyl ethers in sediment and sewage sludge — Method using extraction and gas chromatography/mass spectrometry Decabromodiphenyl ether (DecaBDE),Pentabromodiphenyl ether (PentaBDE),Decabromobiphenyl (DecaBB), Heptabromodiphenyl ether (HeptaBDE),Hexabromodiphenyl ether (HexaBDE),Tetrabromodiphenyl ether (TetraBDE)
LAB_P_SOP_372	Determination of Alkyl phenol ethoxylates (APEOs) and Alkyl phenols (APS) in Industrial waste water Nonyl Phenol Ethoxylates(NPEO),Octyl Phenol Ethoxylates(OPEO),Nonyl Phenol(NP),Octyl Phenol(OP)
LAB_P_SOP_373	Determination of Carcinogenic and Allergenic dyes in Industrial waste water 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 1 Disperse Red 17 Disperse Blue 26 Disperse Blue 35 Disperse Blue 124 Disperse Yellow 9 Disperse Orange 3 C.I. Direct Black 38 C.I. Direct Blue 6 C.I. Acid Red 26 C.I. Basic Red 9 C.I. Direct Red 28 C.I. Basic Violet 14 C.I. Disperse Blue 3 C.I. Disperse Blue 1 C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) C.I. Basic Green 4 (malachite green chloride) C.I. Basic Green 4 (malachite green oxalate) C.I. Basic Green 4 (malachite green)

	Disperse Orange 11 Disperse Blue-7 Disperse Yellow-49 Navy Blue colourant Basic Violet-3 (with Michler's Ketone > 0.1%) Acid Violet-49
LAB_P_SOP_374	Determination of Perfluorocarbons in Industrial waste water PFOS,PFOA,PFBS,PFHxA,8:2 FTOH,6:2 FTOH
LAB_P_SOP_375	Determination of Flame retardant in Industrial waste water Tris(2-chloroethyl)phosphate Tris(2,3,-dibromopropyl)-phosphate Bis(2,3-dibromopropyl)phosphate Tris(1-aziridinyl)phosphine oxide) Tetrabromobisphenol A Hexabromocyclododecane 2,2-bis(bromomethyl)-1,3-propane¬diol Tris(1,3-dichloro-isopropyl) phosphate Decabromodiphenyl ether (DecaBDE) Pentabromodiphenyl ether (PentaBDE) Octa-bromo-diphenyl-ether(OctaBDE) Polybromobiphenyls (PBB) Short-chain chlorinated Paraffins (SCCP) (C10-C13) Medium Chain chlorinated Paraffins (MCCP) (C14-C17) Tris(2-chloro-1-methylethyl)phosphate(TCPP) Decabromobiphenyl (DecaBB) Dibromobiphenyls (DiBB) Dibromopropylether Heptabromodiphenyl ether (HeptaBDE) Hexabromodiphenyl ether (HexaBDE) Monobromobiphenyls (MonoBB) Monobromodiphenylethers (MonoBDEs) Nonabromobiphenyls (NonaBB) Nonabromodiphenyl ether (NonaBDE) Tetrabromodiphenyl ether (TetraBDE)
LAB_P_SOP_383	Determination of Heavy metals in industrial waste water Antimony,Chromium,Cobalt,Copper,Nickel,Silver,Zinc,Arsenic Cadmium,Lead,Mercury,Barium,Selenium,Tin
LAB_P_SOP_386	Determination of Azo dyes in Industrial waste water O-Toluidine 3,3 Dimethyl benzidine 2 Methoxy 5 methyl aniline (p-Cresidine) 3,3' Dichloro benzidine 4 Chloro aniline 2,4,5 Trimethyl aniline 4,4 Diamino 3,3, dimethyl diphenyl Methane 4 Amino azo benzene 4 Amino phenylthio ether (4,4'-THIODIANILINE) 4 Amino phenyl ether (.p,p'-Oxydianiline) 3,3 Dimethoxy benzidine 4,4' Benzidine Bis 4 (amino phenyl) methane

	2 Anisidine o-amino azo toluene 4 Amino bi phenyl 4 chloro 2 methyl aniline 2,4 Diamino toluene 4,4 Methylene bis (2 chloroaniline) 2 Amino naphthalene 2 Amino 4 nitro toluene 2,4-Xylidine 2,6-Xylidine 2,4-Diaminoanisole Aniline p-phenylene diamine 2-Naphthylammoniumacetate 2,4,5-trimethylaniline hydrochloride 4-chloro-o-toluidinium chloride 4-methoxy-m-phenylene diammonium sulphate
LAB_P_SOP_387	Determination of Chlorinated organic carriers in Industrial waste water 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 Pentachlorotoluene
LAB_P_SOP_389	Determination of Chlorinated phenol in Industrial waste water 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- Tri chloro phenol,2,4,6- Tri chloro phenol

	3,4,5- 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,o-Phenyl phenol Triclosan,Permethrin
LAB_P_SOP_391	Determination of Organotin compounds in Industrial waste water Monomethyltin, Dimethyltin,Trimethyltin,Monobutyltin,Dibutyltin Tributyltin,Tetrabutyltin,Monophenyltin,Diphenyltin,Triphenyltin Monooctyltin,Dioctyltin,Trioctyltin,Dipropyltin,Tetraethyltin, Tetraoctyltin,Tricyclohexyltin,Tripropyltin
LAB_P_SOP_393	Determination of Phthalate esters in Industrial waste water Di-(2-ethyl-hexyl)-phthalate(DEHP), Bis-(2-methoxy-ethyl)-phthalate(DMEP), Di-n-octyl-phthalate(DNOP),Di-iso-decyl-phthalate(DIDP),Di-iso-nonyl-phthalate(DINP) Di-n-hexyl phthalate (DnHP),Di-butyl-phthalate(DBP) Benzyl-butyl-phthalate(BBP),Di-nonyl-phthalate(DNP) Di-ethyl-phthalate(DEP),Di-n-propyl phthalate (DPRP) Di-iso-butyl-phthalate(DIBP),Di-cyclohexyl phthalate (DCHP) Di-iso-octyl phthalate (DIOP),1,2-Benzene-di-carboxylic acid, di-C7,11-branched and linear alkyl esters(DHNUP),Di-iso-heptyl-phthalate(DIHP), Diisopentylphthalate (DIPP)
LAB_P_SOP_395	Determination of polyaromatic hydrocarbons in Industrial waste water 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, Dibenz[a,h]anthracene, Benzo[a]anthracene, Acenaphthene, Phenanthrene,Fluorene Naphthalene
LAB_P_SOP_399	Determination of Volatile organic compounds and Halogenated solvents in Industrial water 1,2-dichloroethane,Methylene chloride, Trichloroethylene Tetrachloroethylene, Benzyl chloride
LAB_P_SOP_399	Determination of Volatile organic compounds and Halogenated solvents in Industrial water Benzene, Xylene, o-cresol, p-cresol, m-cresol, Dimethyl formamide Toluene
LAB_P_SOP_400	Determination of Glycols and Cresols in Industrial waste water Bis(2-methoxyethyl)-ether,2-ethoxyethanol,2-ethoxyethyl acetate, Ethylene glycol dimethyl ether,2-methoxyethanol 2-methoxyethylacetate,2-methoxypropylacetate,Triethylene glycol dimethyl ether
LAB_P_SOP_480	Determination of Thiourea in Industrial waste water
LAB_P_SOP_481	Determination of Benzotriazoles (UV absorbers) in Industrial waste water 2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol – UV 350, 2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol – UV 328, 2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol – UV 327 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol – UV 320
LAB_P_SOP_482	Determination of Bisphenols in Industrial waste water
LAB_P_SOP_483	Determination of Aminoethyl ethanolamine (AEEA) and other Ethanolamines Compounds in industrial waste water
US EPA 150.1: 1982	Determination of pH
US EPA 160.2	Total Suspended Solids (TSS)
US EPA 170.1	Temperature (Thermometric)

US EPA 218.6	Determination of dissolved hexavalent chromium in drinking water, ground water, Industrial waste water effluents by ion chromatography
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)2005 Hexabromodiphenyl ether (HexaBDE), Pentabromodiphenyl ether (PentaBDE), Tetrabromodiphenyl ether (TetraBDE)
US EPA 1664	n-Hexane Extractable Material (HEM; Oil and Grease) and Silica Gel Treated n-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry
US EPA 6010.C	Inductively coupled plasma atomic emission spectrometry -Determine trace elements in solution Antimony,Chromium,Cobalt,Copper,Nickel,Silver,Zinc,Arsenic Cadmium,Lead,Mercury,Barium,Selenium,Tin
US EPA 6020.A:Rev1	Inductively coupled plasma mass spectrometry -Determine trace elements in solution Antimony,Chromium,Cobalt,Copper,Nickel,Silver,Zinc,Arsenic Cadmium,Lead,Mercury,Barium,Selenium,Tin
Field of Testing: Hazardous and Restricted Chemicals **Matrix: Sewage sludge and sediment**	
ISO 14154	Soil quality — Determination of some selected chlorophenols — Gas-chromatographic method with electron-capture detection 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- Tri chloro phenol,2,4,6- Tri chloro phenol 3,4,5- 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,o-Phenyl phenol
ISO 17353	Water quality — Determination of selected organotin compounds — Gas chromatographic method Monobutyltin, Dibutyltin,Tributyltin, Tetrabutyltin, Triphenyltin Monooctyltin,Dioctyltin,, Tricyclohexyltin
LAB_P_SOP_379	Determination of Alkyl phenol ethoxylates (APEOs) and Alkyl phenols (APS) in Sludge or Sediments Nonyl Phenol Ethoxylates(NPEO),Octyl Phenol Ethoxylates(OPEO),Nonyl Phenol(NP),Octyl Phenol(OP)
LAB_P_SOP_380	Determination of Carcinogenic and Allergenic dues in Sludge or Sediments 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 1 Disperse Red 17 Disperse Blue 26 Disperse Blue 35 Disperse Blue 124

	Disperse Yellow 9 Disperse Orange 3 C.I. Direct Black 38 C.I. Direct Blue 6 C.I. Acid Red 26 C.I. Basic Red 9 C.I. Direct Red 28 C.I. Basic Violet 14 C.I. Disperse Blue 3 C.I. Disperse Blue 1 C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) C.I. Basic Green 4 (malachite green chloride) C.I. Basic Green 4 (malachite green oxalate) C.I. Basic Green 4 (malachite green) Disperse Orange 11 Disperse Blue-7 Disperse Yellow-49 Navy Blue colourant Basic Violet-3 (with Michler's Ketone > 0.1%) Acid Violet-49
LAB_P_SOP_381	Determination of Flame retardant in sludge or Sediments Tris(2-chloroethyl)phosphate Tris(2,3,-dibromopropyl)-phosphate Bis(2,3-dibromopropyl)phosphate Tris(1-aziridinyl)phosphine oxide) Tetrabromobisphenol A Hexabromocyclododecane 2,2-bis(bromomethyl)-1,3-propane¬diol Tris(1,3-dichloro-isopropyl) phosphate Decabromodiphenyl ether (DecaBDE) Pentabromodiphenyl ether (PentaBDE) Octa-bromo-diphenyl-ether(OctaBDE) Polybromobiphenyls (PBB) Short-chain chlorinated Paraffins (SCCP) (C10-C13) Medium Chain chlorinated Paraffins (MCCP) (C14-C17) Tris(2-chloro-1-methylethyl)phosphate(TCPP) Decabromobiphenyl (DecaBB) Dibromobiphenyls (DiBB) Dibromopropylether Heptabromodiphenyl ether (HeptaBDE) Hexabromodiphenyl ether (HexaBDE) Monobromobiphenyls (MonoBB) Monobromodiphenylethers (MonoBDEs) Nonabromobiphenyls (NonaBB) Nonabromodiphenyl ether (NonaBDE) Tetrabromodiphenyl ether (TetraBDE) Tribromodiphenylethers (TriBDEs)
LAB_P_SOP_382	Determination of perfluorocarbons in Sludge of Sediments PFOS ,PFOA, PFBS, PFHxA
LAB_P_SOP_384	Determination of Heavy metals in Sludge or Sediments Arsenic, Cadmium, Lead, Mercury, Chromium VI, Antimony, Barium, Cobalt, Copper, Nickel, Silver, Zinc, Selenium

LAB_P_SOP_385	Determination of Azo dyes in sludge or Sediments O-Toluidine 3,3 Dimethyl benzidine 2 Methoxy 5 methyl aniline (p-Cresidine) 3,3' Dichloro benzidine 4 Chloro aniline 2,4,5 Trimethyl aniline 4,4 Diamino 3,3, dimethyl diphenyl Methane 4 Amino azo benzene 4 Amino phenylthio ether (4,4'-THIODIANILINE) 4 Amino phenyl ether (.p,p'-Oxydianiline) 3,3 Dimethoxy benzidine 4,4' Benzidine Bis 4 (amino phenyl) methane 2 Anisidine o-amino azo toluene 4 Amino bi phenyl 4 chloro 2 methyl aniline 2,4 Diamino toluene 4,4 Methylene bis (2 chloroaniline) 2 Amino naphthalene 2 Amino 4 nitro toluene 2,4-Xylidine 2,6-Xylidine 2,4-Diaminoanisole Aniline p-phenylene diamine 2-Naphthylammoniumacetate 2,4,5-trimethylaniline hydrochloride 4-chloro-o-toluidinium chloride 4-methoxy-m-phenylene diammonium sulphate
LAB_P_SOP_388	Determination of Chlorinated organic carriers in sludge 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 Pentachlorotoluene
LAB_P_SOP_390	Determination of chlorinated phenols in sludge 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- Tri chloro phenol,2,4,6- Tri chloro phenol 3,4,5- 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,o-Phenyl phenol Triclosan,Permethrin
LAB_P_SOP_392	Determination of Organotin compounds in Sludge or Sediments Monomethyltin, Dimethyltin,Trimethyltin,Monobutyltin,Dibutyltin Tributyltin,Tetrabutyltin,Monophenyltin,Diphenyltin,Triphenyltin Monooctyltin,Dioctyltin,Trioctyltin,Dipropyltin,Tetraethyltin, Tetraoctyltin, Tricyclohexyltin,Tripropyltin
LAB_P_SOP_394	Determination of Phthalate esters in Sludge Di-(2-ethyl-hexyl)-phthalate(DEHP), Bis-(2-methoxy-ethyl)-phthalate(DMEP), Di-n-octyl-phthalate(DNOP),Di-iso-decyl-phthalate(DIDP),Di-iso-nonyl-phthalate(DINP) Di-n-hexyl phthalate (DnHP),Di-butyl-phthalate(DBP) Benzyl-butyl-phthalate(BBP),Di-nonyl-phthalate(DNP) Di-ethyl-phthalate(DEP),Di-n-propyl phthalate (DPRP) Di-iso-butyl-phthalate(DIBP),Di-cyclohexyl phthalate (DCHP) Di-iso-octyl phthalate (DIOP),1,2-Benzene-di-carboxylic acid, di-C7,11-branched and linear alkyl esters(DHNUP),Di-iso-heptyl-phthalate(DIHP), Diisopentylphthalate (DIPP)
LAB_P_SOP_396	Determination of Polyaromatic Hydrocarbons in Sludge 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, Dibenz[a,h]anthracene, Benzo[a]anthracene, Acenaphthene, Phenanthrene,Fluorene Naphthalene
LAB_P_SOP_401	Determination of Glycols, Volatile organic compounds and Halogenated solvents in sludge or sediments 1,2-dichloroethane ,Methylene chloride,Trichloroethane, Tetrachloroethylene,Benzyl chloride Bis(2-methoxyethyl)-ether, 2-ethoxyethanol,2-ethoxyethyl acetate Ethylene glycol dimethyl ether,2-methoxyethanol,2-methoxyethylacetate,2-methoxypropylacetate,Triethylene glycol dimethyl ether, Benzene, Xylene,o-cresol,p-cresol,m-cresol Toluene, Dimethylformamide
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)2005

	Hexabromodiphenyl ether (HexaBDE), Pentabromodiphenyl ether (PentaBDE), Tetrabromodiphenyl ether (TetraBDE)
US EPA 8321 B	Solvent extractable nonvolatile compounds by High performance liquid chromatography/Thermospray/Massspectrometry(HPLC/TS/MS) or ultraviolet (UV) detection
Field of Testing: Hazardous and Restricted Chemicals **Matrix: Finished medical devices/pharmaceutical containers closer devices/packing material and components-extractable and leachable screening -volatile organic compounds, non- volatile organic compounds and semi volatile organic compounds, non-volatile residues**	
ISO 10993 (Part 1) ISO 10993 (Part 12) ISO 10993 (Part 18)	Assessment of Extractables Associated with Pharmaceutical Packaging/Delivery Systems Biological evaluation of medical devices- Part 1: Evaluation and Testing within a risk management process Biological evaluation of medical devices - Part 12: Sample preparation and reference materials Biological evaluation of medical devices - Part 18: Chemical characterization of medical device materials within a risk management process - Amendment 1: Determination of the uncertainty factor Antimony (Sb),Aluminum (Al),Arsenic (As),Barium(Ba),Cadmium (Cd) Chromium (Cr),Cobalt (Co),Copper(Cu),Europium(Eu),Gadolinium(Gd),Gold (Au),Iridium (Ir),Lead (Pb),Lanthanum(La),Lithium(Li),Mercury (Hg),Molybdenum(Mo),Niobium(Nb),Nickel (Ni),Osmium (Os) Platinum (Pt),Rhodium (Rh),Ruthenium (Ru),Selenium (Se),Strontium(Sr),Silver (Ag),Tantalum (Ta),Thallium (Tl),Terbium(Tb),Tungsten(W),Titanium (Ti),Tin (Sn),Vanadium(V) Yttrium(Y),Zirconium(Zr)
ISO 10993 (Part 1) ISO 10993 (Part 12) ISO 10993 (Part 18)	Assessment of Extractables Associated with Pharmaceutical Packaging/Delivery Systems Biological evaluation of medical devices- Part 1: Evaluation and Testing within a risk management process Biological evaluation of medical devices - Part 12: Sample preparation and reference materials Biological evaluation of medical devices - Part 18: Chemical characterization of medical device materials within a risk management process - Amendment 1: Determination of the uncertainty factor Dipentyl phthalates Bis-methoxy ethyl phthalates Di iso butyl phthalates 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich Di-n hexylphthalate

	Dimethyl phthalate Di Decyl Phtalates (DDP) Di-n-propyl phthalate (DPrP) Diisooctyl phthalate (DIOP) Di-2-propyl heptyl phthalate (DPHP) DiisoHexylphthalate (DIHxP) 1,2-Benzenedicarboxylicacid, dihexyl ester, branched and linear 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 8 0.3% of dihexyl phthalate (EC No. 201-559-5) 1,2-Benzenedicarboxylic acid dipentylester branched and linear (CAS# 84777-06-0) N-nitrosodimethylamine (NDMA) N-nitrosodiethylamine (NDEA) N-nitrosodipropylamine (NDPA) N-nitrosodibutylamine (NDBA) N-nitrosopiperidine (NPIP) N-nitrosopyrrolidine (NPYR) N-nitrosomorpholine (NMOR) N-nitrosodibenzylamine (NDBzA) N-nitrosodiisononylamine (NDINA) N-nitroso N-methyl-N-phenylamine (NMPhA) N-nitroso N-ethyl N-phenylamine (NEPhA) N-nitrosodiethanolamine(NDELA) N-nitrosodiisoprropylamine(NDiPA) N-nitrosobutylamine(NDiBA) Acetone DCM n-Hexane Chloroform THF Cyclohexane CCl4 Benzene Trichloroethylene 1,1,2-Trichloro Ethane Toluene Tetrachloroethylene Xylene N, N-Dimethylacetamide Cyclohexanone Styrene 1,2,3-trichloro Propane Pentachloro Ethane 2-methoxy-Ethanol 1,2-dimethoxyEthane 2-ethoxy-Ethanol 2-Methoxyethyl acetate Ethylbenzene 2-Ethoxyethyl acetate 1,1,2,2-tetrachloro-Ethane Phenol

	3-methyl-Phenol trans-Di-1,2-Chloroethylene cis-Dichloroethylene 1,2-Dichloroethane 1,1,1-Trichloroethane 1,1,1,2-Tetrachloroethane Trimethylol propane Dibromochloromethane Bromochloromethane 1,1,2-Trichloroethane Hexachlorobutadiene Butylated hydroxy anisole Butylated hydroxy toluene Diphenylamine Erucamide Irgafos 168 Irganox 1076 Irganox 1010 Irganox 3114 Irganox 1330 Irganox PS 800 Tinuvin P Antioxidant 2246 Oleamide 2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol – UV 350 2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol – UV 328 2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol – UV 327 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol – UV 320 Bisphenol A (BPA) Bisphenol S (BPS) Bisphenol F (BPF) Bisphenol AF (BPAF) Bisphenol Z Bisphenol B
ISO 10993 (Part 7)	Biological evaluation of medical devices - Part 7: Ethylene oxide sterilization residuals - Amendment 1: Applicability of allowable limits for neonates and infants-Ethylene Oxide
LAP_P_SOP_485	Assessment of Extractables Associated with Pharmaceutical Packaging/Delivery Systems Biological evaluation of medical devices- Part 1: Evaluation and Testing within a risk management process Biological evaluation of medical devices - Part 12: Sample preparation and reference materials Biological evaluation of medical devices - Part 18: Chemical characterization of medical device materials within a risk management process - Amendment 1: Determination of the uncertainty factor Antimony (Sb),Aluminum (Al),Arsenic (As),Barium(Ba),Cadmium (Cd)

	Chromium (Cr),Cobalt (Co),Copper(Cu),Europium(Eu),Gadolinium(Gd),Gold (Au),Iridium (Ir),Lead (Pb),Lanthanum(La),Lithium(Li),Mercury (Hg),Molybdenum(Mo),Niobium(Nb),Nickel (Ni),Osmium (Os) Platinum (Pt),Rhodium (Rh),Ruthenium (Ru),Selenium (Se),Strontium(Sr),Silver (Ag),Tantalum (Ta),Thallium (Tl),Terbium(Tb),Tungsten(W),Titanium (Ti),Tin (Sn),Vanadium(V) Yttrium(Y),Zirconium(Zr)
LAP_P_SOP_485	Assessment of Extractables Associated with Pharmaceutical Packaging/Delivery Systems Biological evaluation of medical devices- Part 1: Evaluation and Testing within a risk management process Biological evaluation of medical devices - Part 12: Sample preparation and reference materials Biological evaluation of medical devices - Part 18: Chemical characterization of medical device materials within a risk management process - Amendment 1: Determination of the uncertainty factor Dipentyl phthalates Bis-methoxy ethyl phthalates Di iso butyl phthalates 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich Di-n hexylphthalate Dimethyl phthalate Di Decyl Phtalates (DDP) Di-n-propyl phthalate (DPrP) Diisooctyl phthalate (DIOP) Di-2-propyl heptyl phthalate (DPHP) DiisoHexylphthalate (DIHxP) 1,2-Benzenedicarboxylicacid, dihexyl ester, branched and linear 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 8 0.3% of dihexyl phthalate (EC No. 201-559-5) 1,2-Benzenedicarboxylic acid dipentylester branched and linear (CAS# 84777-06-0) N-nitrosodimethylamine (NDMA) N-nitrosodiethylamine (NDEA) N-nitrosodipropylamine (NDPA) N-nitrosodibutylamine (NDBA) N-nitrosopiperidine (NPIP) N-nitrosopyrrolidine (NPYR) N-nitrosomorpholine (NMOR) N-nitrosodibenzylamine (NDBzA) N-nitrosodiisononylamine (NDINA) N-nitroso N-methyl-N-phenylamine (NMPhA) N-nitroso N-ethyl N-phenylamine (NEPhA) N-nitrosodiethanolamine(NDELA)

	N-nitrosodiisoprropylamine(NDiPA) N-nitrosobutylamine(NDiBA) Acetone DCM n-Hexane Chloroform THF Cyclohexane CCl4 Benzene Trichloroethylene 1,1,2-Trichloro Ethane Toluene Tetrachloroethylene Xylene N, N-Dimethylacetamide Cyclohexanone Styrene 1,2,3-trichloro Propane Pentachloro Ethane 2-methoxy-Ethanol 1,2-dimethoxyEthane 2-ethoxy-Ethanol 2-Methoxyethyl acetate Ethylbenzene 2-Ethoxyethyl acetate 1,1,2,2-tetrachloro-Ethane Phenol 3-methyl-Phenol trans-Di-1,2-Chloroethylene cis-Dichloroethylene 1,2-Dichloroethane 1,1,1-Trichloroethane 1,1,1,2-Tetrachloroethane Trimethylol propane Dibromochloromethane Bromochloromethane 1,1,2-Trichloroethane Hexachlorobutadiene Butylated hydroxy anisole Butylated hydroxy toluene Diphenylamine Erucamide Irgafos 168 Irganox 1076 Irganox 1010 Irganox 3114 Irganox 1330 Irganox PS 800 Tinuvin P Antioxidant 2246 Oleamide

	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol – UV 350 2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol – UV 328 2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol – UV 327 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol – UV 320 Bisphenol A (BPA) Bisphenol S (BPS) Bisphenol F (BPF) Bisphenol AF (BPAF) Bisphenol Z Bisphenol B
USP 1663	Assessment of Extractables Associated with Pharmaceutical Packaging/Delivery Systems Biological evaluation of medical devices- Part 1: Evaluation and Testing within a risk management process Biological evaluation of medical devices - Part 12: Sample preparation and reference materials Biological evaluation of medical devices - Part 18: Chemical characterization of medical device materials within a risk management process - Amendment 1: Determination of the uncertainty factor Antimony (Sb),Aluminum (Al),Arsenic (As),Barium(Ba),Cadmium (Cd) Chromium (Cr),Cobalt (Co),Copper(Cu),Europium(Eu),Gadolinium(Gd),Gold (Au),Iridium (Ir),Lead (Pb),Lanthanum(La),Lithium(Li),Mercury (Hg),Molybdenum(Mo),Niobium(Nb),Nickel (Ni),Osmium (Os) Platinum (Pt),Rhodium (Rh),Ruthenium (Ru),Selenium (Se),Strontium(Sr),Silver (Ag),Tantalum (Ta),Thallium (Tl),Terbium(Tb),Tungsten(W),Titanium (Ti),Tin (Sn),Vanadium(V) Yttrium(Y),Zirconium(Zr)
USP 1663	Assessment of Extractables Associated with Pharmaceutical Packaging/Delivery Systems Biological evaluation of medical devices- Part 1: Evaluation and Testing within a risk management process Biological evaluation of medical devices - Part 12: Sample preparation and reference materials Biological evaluation of medical devices - Part 18: Chemical characterization of medical device materials within a risk management process - Amendment 1: Determination of the uncertainty factor Dipentyl phthalates Bis-methoxy ethyl phthalates Di iso butyl phthalates 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich

	Di-n hexylphthalate Dimethyl phthalate Di Decyl Phtalates (DDP) Di-n-propyl phthalate (DPrP) Diisooctyl phthalate (DIOP) Di-2-propyl heptyl phthalate (DPHP) DiisoHexylphthalate (DIHxP) 1,2-Benzenedicarboxylicacid, dihexyl ester, branched and linear 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 8 0.3% of dihexyl phthalate (EC No. 201-559-5) 1,2-Benzenedicarboxylic acid dipentylester branched and linear (CAS# 84777-06-0) N-nitrosodimethylamine (NDMA) N-nitrosodiethylamine (NDEA) N-nitrosodipropylamine (NDPA) N-nitrosodibutylamine (NDBA) N-nitrosopiperidine (NPIP) N-nitrosopyrrolidine (NPYR) N-nitrosomorpholine (NMOR) N-nitrosodibenzylamine (NDBzA) N-nitrosodiisononylamine (NDINA) N-nitroso N-methyl-N-phenylamine (NMPhA) N-nitroso N-ethyl N-phenylamine (NEPhA) N-nitrosodiethanolamine(NDELA) N-nitrosodiisoprropylamine(NDiPA) N-nitrosobutylamine(NDiBA) Acetone DCM n-Hexane Chloroform THF Cyclohexane CCl4 Benzene Trichloroethylene 1,1,2-Trichloro Ethane Toluene Tetrachloroethylene Xylene N, N-Dimethylacetamide Cyclohexanone Styrene 1,2,3-trichloro Propane Pentachloro Ethane 2-methoxy-Ethanol 1,2-dimethoxyEthane 2-ethoxy-Ethanol 2-Methoxyethyl acetate Ethylbenzene 2-Ethoxyethyl acetate 1,1,2,2-tetrachloro-Ethane

	Phenol 3-methyl-Phenol trans-Di-1,2-Chloroethylene cis-Dichloroethylene 1,2-Dichloroethane 1,1,1-Trichloroethane 1,1,1,2-Tetrachloroethane Trimethylol propane Dibromochloromethane Bromochloromethane 1,1,2-Trichloroethane Hexachlorobutadiene Butylated hydroxy anisole Butylated hydroxy toluene Diphenylamine Erucamide Irgafos 168 Irganox 1076 Irganox 1010 Irganox 3114 Irganox 1330 Irganox PS 800 Tinuvin P Antioxidant 2246 Oleamide 2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol – UV 350 2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol – UV 328 2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol – UV 327 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol – UV 320 Bisphenol A (BPA) Bisphenol S (BPS) Bisphenol F (BPF) Bisphenol AF (BPAF) Bisphenol Z Bisphenol B