

CERTIFICATE OF ACCREDITATION



DUCOM (PVT) LTD

Address: Plot# C5-C, Khyaban-e-Ittehad Road, DHA Phase VII, Karachi - Pakistan

Under the Testing and Calibration Laboratories Program in Accordance with

ISO/IEC 17025:2017

The scope of activities covered by this certificate is defined below
Providing Comprehensive Testing Services for Environmental, Chemical, Biological, Mechanical Materials, Petroleum, Textile & Leather Products and Parameters.

This certificate issued under the following Conditions:

- 1: It applies only to the quality system maintained in the Testing & Calibration of above referenced model Products.
- 2: The certificate remains valid until the testing & calibration conditions or the quality systems are changed and is subject to continuous surveillance according to the ISO/IEC 17025 Standard.
- 3: The certificate validity is conditioned by annual surveillance audits

IAF NACE Code : K-74.30

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: 26PD1014001084

CERTIFICATE NUMBER

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REGISTRATION DATE

: September 17, 2026

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CERTIFICATE EXPIRY

: September 16, 2027

RE CERTIFICATION DUE

: September 16, 2029



GBAR-ACCREDITED

USA

Authorized Signature

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....ISO /IEC 17025:2017....



M/s DUCOM (PVT) LTD

Address: Plot C-5C, Khayaban-e-Ittehad, DHA Phase VII, Karachi - Pakistan

ISO/IEC 17025 Testing Scope Parameters

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Environmental	Water (Drinking, Groundwater, Surface & Process)	pH	APHA 4500-H+ B	Electrometric	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Conductivity	APHA 2510 B	Conductivity measurement	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	TDS	APHA 2540 C	Gravimetric	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Turbidity	APHA 2130 B	Nephelometric	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Temperature	APHA 2550 B	Digital thermometry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Hardness	APHA 2340 C	EDTA titration	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Alkalinity	APHA 2320 B	Acid titration	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Chloride	APHA 4500-Cl- B	Argentometric titration	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Fluoride	APHA 4500-F- D	Ion-selective electrode / colorimetry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Sulfate	APHA 4500-SO ₄ ²⁻ E	Turbidimetric / spectrometric	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Sulfide	APHA 4500-S ²⁻ D	Methylene blue colorimetry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Ammonia	APHA 4500-NH ₃ F	Phenate colorimetry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Nitrate	APHA 4500-NO ₃ - E	Cadmium reduction / spectrometry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Nitrite	APHA 4500-NO ₂ - B	Colorimetric diazotization	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Phosphate	APHA 4500-P E	Ascorbic-acid colorimetry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Residual Chlorine	APHA 4500-Cl G	DPD colorimetry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	BOD ₅	APHA 5210 B / 5210 B with 4500-O G	5-day incubation / dissolved oxygen measurement	-	F

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Environmental	Water (Drinking, Groundwater, Surface & Process)	COD	APHA 5220 D	Closed reflux digestion / colorimetry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	TSS	APHA 2540 D	Filtration / gravimetry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Total Solids	APHA 2540 B	Evaporation / gravimetry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Oil & Grease	APHA 5520 B / 5520 F	Solvent extraction / gravimetry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Phenolic Compounds	APHA 5530 C	Distillation + 4-aminoantipyrine colorimetry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Cyanide	APHA 4500-CN E	Distillation + colorimetry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Aluminum (Al)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Antimony (Sb)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Arsenic (As)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Barium (Ba)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Boron (B)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Cadmium (Cd)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Chromium (Cr)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Copper (Cu)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Iron (Fe)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Lead (Pb)	USEPA 40 CFR Part 50, Appendix G	Filter sampling + digestion + AAS/ICP	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Manganese (Mn)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Mercury (Hg)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Molybdenum (Mo)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Nickel (Ni)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Selenium (Se)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Silver (Ag)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Sodium (Na)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Zinc (Zn)	USEPA Methods / applicable standard methods	ICP-OES / ICP-MS / AAS	-	F

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Biological	Water (Drinking, Groundwater, Surface & Process)	Total Coliforms	APHA 9222 B	Membrane filtration	-	F
Biological	Water (Drinking, Groundwater, Surface & Process)	E. coli	APHA 9222 G	Membrane filtration / chromogenic confirmation	-	F
Biological	Water (Drinking, Groundwater, Surface & Process)	Fecal Coliforms	APHA 9222 D	Membrane filtration	-	F
Biological	Water (Drinking, Groundwater, Surface & Process)	Heterotrophic Plate Count	APHA 9215 B	Pour-plate / spread-plate enumeration	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	pH	APHA 4500-H+ B	Electrometric	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Temperature	APHA 2550 B	Digital thermometry	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Conductivity	APHA 2510 B	Conductivity measurement	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	TDS	APHA 2540 C	Gravimetric	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	TSS	APHA 2540 D	Filtration / gravimetry	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	BOD ₅	APHA 5210 B / 5210 B with 4500-O G	5-day incubation / dissolved oxygen measurement	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	COD	APHA 5220 D	Closed reflux digestion / colorimetry	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Oil & Grease	APHA 5520 B / 5520 F	Solvent extraction / gravimetry	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Chloride	APHA 4500-Cl- B	Argentometric titration	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Fluoride	APHA 4500-F- D	Ion-selective electrode / colorimetry	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Sulfate	APHA 4500-SO ₄ ²⁻ E	Turbidimetric / spectrometric	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Sulfide	APHA 4500-S ²⁻ D	Methylene blue colorimetry	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Ammonia	APHA 4500-NH ₃ F	Phenate colorimetry	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Phenolics	APHA 5530 C	Distillation + 4-aminoantipyrine colorimetry	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Cyanide	APHA 4500-CN E	Distillation + colorimetry	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Detergents / MBAS	APHA 5540 C	Methylene-blue extraction / spectrometry	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Atrazine	USEPA 8081B	GC-MS / GC-ECD	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Chlorpyrifos	USEPA 8081B	GC-MS / GC-ECD	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Cypermethrin	USEPA 8081B	GC-MS / GC-ECD	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Deltamethrin	USEPA 8081B	GC-MS / GC-ECD	-	F

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Environmental	Wastewater (Industrial, ETP & Sewage)	Imidacloprid	USEPA 8081B	GC-MS / GC-ECD	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Ammonia	APHA 4500-NH3 F	Colorimetric / spectrometric	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Nitrate	APHA 4500-NO3- E	Colorimetric / spectrometric	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Nitrite	APHA 4500-NO2- B	Colorimetric / spectrometric	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Phosphate	APHA 4500-P E	Colorimetric / spectrometric	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Arsenic (As)	USEPA 200.7	ICP-OES	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Cadmium (Cd)	USEPA 200.7	ICP-OES	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Chromium (Cr)	USEPA 200.7	ICP-OES	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Copper (Cu)	USEPA 200.7	ICP-OES	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Iron (Fe)	USEPA 200.7	ICP-OES	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Lead (Pb)	USEPA 200.7	ICP-OES	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Manganese (Mn)	USEPA 200.7	ICP-OES	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Nickel (Ni)	USEPA 200.7	ICP-OES	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Zinc (Zn)	USEPA 200.7	ICP-OES	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Mercury (Hg)	USEPA 200.7	ICP-OES	-	F
Environmental	Ambient Air	SO2	USEPA 40 CFR Part 50, Appendix A-1	UV fluorescence	-	O
Environmental	Ambient Air	NO	USEPA Method 7E	Gas-phase chemiluminescence	-	O
Environmental	Ambient Air	NO2	USEPA 40 CFR Part 50, Appendix F	Gas-phase chemiluminescence	-	O
Environmental	Ambient Air	NOx	USEPA Method 7E	Chemiluminescence	-	O
Environmental	Ambient Air	O3	USEPA 40 CFR Part 50, Appendix D	UV photometry	-	O
Environmental	Ambient Air	CO	USEPA Method 10	NDIR analyzer	-	O
Environmental	Ambient Air	SPM / TSP	USEPA 40 CFR Part 50, Appendix B	High-volume gravimetric sampling	-	O
Environmental	Ambient Air	PM10	USEPA 40 CFR Part 50, Appendix J	PM10 size-selective sampling + gravimetry	-	O
Environmental	Ambient Air	PM2.5	USEPA 40 CFR Part 50, Appendix L	PM2.5 size-selective sampling + gravimetry	-	O
Environmental	Ambient Air	Lead (Pb)	USEPA 40 CFR Part 50, Appendix G	Filter sampling + digestion + AAS/ICP	-	O

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Environmental	Stack Emissions	Particulate Matter	USEPA Method 5	Isokinetic sampling + gravimetry	-	O
Environmental	Stack Emissions	SO ₂	USEPA Method 6C	UV fluorescence	-	O
Environmental	Stack Emissions	NO _x	USEPA Method 7E	Chemiluminescence	-	O
Environmental	Stack Emissions	CO	USEPA Method 10	NDIR analyzer	-	O
Environmental	Stack Emissions	CO ₂	USEPA Method 3A	NDIR analyzer	-	O
Environmental	Stack Emissions	O ₂	USEPA Method 3A	Paramagnetic / electrochemical analyzer	-	O
Environmental	Stack Emissions	Moisture	USEPA Method 4	Gravimetric / impinger method	-	O
Environmental	Stack Emissions	Velocity / Flow	USEPA Method 2	Pitot tube measurement	-	O
Environmental	Stack Emissions	Smoke / Opacity	USEPA Method 9	Visual opacity observation	-	O
Environmental	Stack Emissions	Arsenic (As)	USEPA Method 29	Isokinetic sampling + ICP-OES / AAS	-	O
Environmental	Stack Emissions	Cadmium (Cd)	USEPA Method 29	Isokinetic sampling + ICP-OES / AAS	-	O
Environmental	Stack Emissions	Chromium (Cr)	USEPA Method 29	Isokinetic sampling + ICP-OES / AAS	-	O
Environmental	Stack Emissions	Lead (Pb)	USEPA Method 29	Isokinetic sampling + ICP-OES / AAS	-	O
Environmental	Stack Emissions	Nickel (Ni)	USEPA Method 29	Isokinetic sampling + ICP-OES / AAS	-	O
Environmental	Stack Emissions	Selenium (Se)	USEPA Method 29	Isokinetic sampling + ICP-OES / AAS	-	O
Environmental	Stack Emissions	Mercury (Hg)	USEPA Method 29	Isokinetic sampling + ICP-OES / AAS	-	O
Acoustic	Environmental / Workplace Noise	L _{Aeq} / Equivalent Continuous Sound Level	IEC 61672-1	Integrating sound level meter	-	O
Acoustic	Workplace Noise	Noise Dose / TWA	IEC 61252	Personal noise dosimetry	-	O
Environmental	Meteorological Conditions	Wind Speed	ISO 17713-1	Anemometry	-	O
Environmental	Meteorological Conditions	Wind Direction	ISO 17713-1	Vane / directional sensor	-	O
Environmental	Meteorological Conditions	Temperature	APHA 2550 B	Digital thermometry	-	O
Environmental	Meteorological Conditions	Relative Humidity	ISO 7726	Digital hygrometry	-	O
Environmental	Meteorological Conditions	Atmospheric Pressure	ISO 7726	Digital barometry	-	O
Environmental	Workplace / Occupational Air	Respirable Dust	NIOSH 0600	Personal cyclone sampling + gravimetry	-	O
Environmental	Workplace / Occupational Air	Inhalable Dust	NIOSH 0500	Personal inhalable sampler + gravimetry	-	O
Environmental	Workplace / Occupational Air	Chemical Vapour Exposure	NIOSH 1500	Sorbent-tube sampling + GC analysis	-	O
Environmental	Workplace / Thermal Environment	WBGT / Heat Stress	ISO 7243	WBGT meter	-	O

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Environmental	Radiation	Radiation Dose	ISO 4037-3	Personal dosimetry	-	O
Environmental	Radiation	Radiation Dose Rate	IEC 60846-1	Survey meter	-	O
Environmental	Lighting	Illuminance / Light Intensity	ISO/CIE 8995-1	Lux meter	-	O
Environmental	Indoor Air	CO2	NIOSH 6603	NDIR sensor	-	O
Environmental	Indoor Air	TVOC	ISO 16000-6	PID / VOC analyzer	-	O
Environmental	Indoor Air	Formaldehyde	NIOSH 2016	Sorbent sampling + chromatographic analysis	-	O
Environmental	Indoor Air	PM2.5	USEPA 40 CFR Part 50, Appendix L	PM2.5 size-selective sampling + gravimetry	-	O
Environmental	Indoor Air	PM10	USEPA 40 CFR Part 50, Appendix J	PM10 size-selective sampling + gravimetry	-	O
Environmental	Vehicle Exhaust	CO	USEPA Method 10	NDIR analyzer	-	O
Environmental	Vehicle Exhaust	Total Hydrocarbons	USEPA Method 25A	Flame ionization detection	-	O
Environmental	Vehicle Exhaust	Smoke / Opacity	USEPA Method 9	Visual opacity observation	-	O
Environmental	Soil / Sediment	pH	APHA 4500-H+ B	Electrometric	-	F
Environmental	Soil / Sediment	Electrical Conductivity	APHA 2510 B	Conductivity measurement	-	F
Environmental	Soil / Sediment	Moisture	ASTM D2974	Gravimetric / impinger method	-	F
Environmental	Soil / Sediment	Organic Matter / Carbon	ASTM D2974	Loss-on-ignition / gravimetry	-	F
Environmental	Soil / Sediment	Nitrogen	ASTM D3590	Elemental combustion analyzer	-	F
Environmental	Soil / Sediment	Phosphorus	Applicable standard methods	Colorimetric / spectrometric / flame or ICP techniques	-	F
Environmental	Soil / Sediment	Potassium	Applicable standard methods	Colorimetric / spectrometric / flame or ICP techniques	-	F
Chemical	Soil / Sediment	Arsenic (As)	USEPA 200.7	ICP-OES	-	F
Chemical	Soil / Sediment	Cadmium (Cd)	USEPA 200.7	ICP-OES	-	F
Chemical	Soil / Sediment	Chromium (Cr)	USEPA 200.7	ICP-OES	-	F
Chemical	Soil / Sediment	Copper (Cu)	USEPA 200.7	ICP-OES	-	F
Chemical	Soil / Sediment	Iron (Fe)	USEPA 200.7	ICP-OES	-	F
Chemical	Soil / Sediment	Lead (Pb)	USEPA 200.7	ICP-OES	-	F
Chemical	Soil / Sediment	Manganese (Mn)	USEPA 200.7	ICP-OES	-	F
Chemical	Soil / Sediment	Nickel (Ni)	USEPA 200.7	ICP-OES	-	F
Chemical	Soil / Sediment	Zinc (Zn)	USEPA 200.7	ICP-OES	-	F

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Chemical	Fertilizer	Total Nitrogen	AOAC 978.04	Kjeldahl / distillation	-	F
Chemical	Fertilizer	Available Phosphorus	AOAC 965.17	Colorimetric	-	F
Chemical	Fertilizer	Potassium	AOAC 984.27	Flame photometry / ICP-OES	-	F
Chemical	Fertilizer	pH	APHA 4500-H+ B	Electrometric	-	F
Chemical	Fertilizer	Moisture	AOAC 925.10	Gravimetric	-	F
Chemical	Fertilizer	Electrical Conductivity	APHA 2510 B	Conductivity measurement	-	F
Chemical	Agricultural / Environmental Samples	Atrazine	AOAC 2007.01	GC-MS/MS / LC-MS/MS	-	F
Chemical	Agricultural / Environmental Samples	Chlorpyrifos	AOAC 2007.01	GC-MS/MS / LC-MS/MS	-	F
Chemical	Agricultural / Environmental Samples	Cypermethrin	AOAC 2007.01	GC-MS/MS / LC-MS/MS	-	F
Chemical	Agricultural / Environmental Samples	Deltamethrin	AOAC 2007.01	GC-MS/MS / LC-MS/MS	-	F
Chemical	Agricultural / Environmental Samples	Imidacloprid	AOAC 2007.01	GC-MS/MS / LC-MS/MS	-	F
Chemical	Crude Oil / Petroleum	API Gravity	ASTM D287	Hydrometer	-	F
Chemical	Crude Oil / Petroleum	Density	ASTM D4052	Digital density meter	-	F
Chemical	Crude Oil / Petroleum	Viscosity	ASTM D445	Capillary viscometry	-	F
Chemical	Crude Oil / Petroleum	Pour Point	ASTM D97	Controlled cooling / observation	-	F
Chemical	Crude Oil / Petroleum	Sulfur	ASTM D4294	X-ray fluorescence	-	F
Chemical	Crude Oil / Petroleum	Water & Sediment	ASTM D96	Centrifugation / gravimetry	-	F
Chemical	Diesel / Fuel Oil	Density	ASTM D4052	Digital density meter	-	F
Chemical	Diesel / Fuel Oil	Viscosity	ASTM D445	Capillary viscometry	-	F
Chemical	Diesel / Fuel Oil	Flash Point	ASTM D93	Closed-cup flash point tester	-	F
Chemical	Diesel / Fuel Oil	Sulfur	ASTM D4294	X-ray fluorescence	-	F
Chemical	Diesel / Fuel Oil	Water	ASTM D6304	Karl Fischer titration	-	F
Chemical	Gasoline / Petrol	Density	ASTM D4052	Digital density meter	-	F
Chemical	Gasoline / Petrol	Distillation Characteristics	ASTM D86	Atmospheric distillation	-	F
Chemical	Gasoline / Petrol	Flash Point	ASTM D93	Pensky-Martens closed cup	-	F
Chemical	Gasoline / Petrol	Water	ASTM D6304	Coulometric Karl Fischer	-	F
Chemical	Petroleum Products	Distillation Characteristics	ASTM D86	Atmospheric distillation	-	F
Chemical	Petroleum Products	Water	ASTM D6304	Karl Fischer titration	-	F

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Chemical	Petroleum Products	Sediment	ASTM / IP	Centrifugation / gravimetric	-	F
Chemical	Lubricating Oil	Kinematic Viscosity	ASTM D445	Capillary viscometry	-	F
Chemical	Lubricating Oil	Viscosity Index	ASTM D2270	Calculation from kinematic viscosities	-	F
Chemical	Lubricating Oil	Flash point	ASTM D92	Cleveland open-cup tester	-	F
Chemical	Lubricating Oil	Wear Metals	ASTM D5185	ICP-OES	-	F
Chemical	Lubricating Oil	Water content	ASTM D6304	Karl Fischer titration	-	F
Chemical	Transformer Oil	Breakdown Voltage	IEC 60156	AC breakdown-voltage tester	-	F
Chemical	Transformer Oil	Dissolved Gases	IEC 60567	Gas extraction + gas chromatography	-	F
Chemical	Lubricating Oil	Foam Tendency	ASTM D892	Foam apparatus / volumetric measurement	-	F
Chemical	Lubricating Oil	Foam Stability	ASTM D892	Foam apparatus / volumetric measurement	-	F
Chemical	Coal / Coke	Moisture	ASTM D3173/D3173M	Gravimetric	-	F
Chemical	Coal / Coke	Ash	ASTM D3174	Muffle furnace / gravimetric	-	F
Chemical	Coal / Coke	Volatile Matter	ASTM D3175	Controlled heating / gravimetric	-	F
Chemical	Coal / Coke	Moisture	USEPA Method 4	Gravimetric / impinger method	-	F
Chemical	Coal / Coke	Ash	ASTM D3174	Muffle furnace / gravimetry	-	F
Chemical	Coal / Coke	Volatile Matter	ASTM D3175	Controlled heating / gravimetry	-	F
Chemical	Coal / Coke	Gross Calorific Value	ASTM D5865	Bomb calorimetry	-	F
Chemical	Coal / Coke	Sulfur	ASTM D4294	X-ray fluorescence	-	F
Chemical	Coal / Coke	Carbon	ASTM D5373	Elemental combustion analyzer	-	F
Chemical	Coal / Coke	Hydrogen	ASTM D5373	Elemental combustion analyzer	-	F
Chemical	Coal / Coke	Nitrogen	ASTM D5373	Elemental combustion analyzer	-	F
Chemical	Minerals / Ores	Silicon (Si)	ASTM E1621	X-ray fluorescence spectrometry	-	F
Chemical	Minerals / Ores	Aluminum (Al)	ASTM E1621	X-ray fluorescence spectrometry	-	F
Chemical	Minerals / Ores	Iron (Fe)	ASTM E1621	X-ray fluorescence spectrometry	-	F
Chemical	Minerals / Ores	Calcium (Ca)	ASTM E1621	X-ray fluorescence spectrometry	-	F
Chemical	Minerals / Ores	Magnesium (Mg)	ASTM E1621	X-ray fluorescence spectrometry	-	F
Chemical	Minerals / Ores	Lead (Pb)	ASTM E1613	ICP-OES / ICP-MS	-	F

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Chemical	Minerals / Ores	Cadmium (Cd)	ASTM E1613	ICP-OES / ICP-MS	-	F
Chemical	Minerals / Ores	Chromium (Cr)	ASTM E1613	ICP-OES / ICP-MS	-	F
Chemical	Minerals / Ores	Copper (Cu)	ASTM E1613	ICP-OES / ICP-MS	-	F
Chemical	Minerals / Ores	Nickel (Ni)	ASTM E1613	ICP-OES / ICP-MS	-	F
Chemical	Minerals / Ores	Arsenic (As)	USEPA 200.7	ICP-OES	-	F
Chemical	Minerals / Ores	Cadmium (Cd)	USEPA 200.7	ICP-OES	-	F
Chemical	Minerals / Ores	Chromium (Cr)	USEPA 200.7	ICP-OES	-	F
Chemical	Minerals / Ores	Copper (Cu)	USEPA 200.7	ICP-OES	-	F
Chemical	Minerals / Ores	Iron (Fe)	USEPA 200.7	ICP-OES	-	F
Chemical	Minerals / Ores	Lead (Pb)	USEPA 200.7	ICP-OES	-	F
Chemical	Minerals / Ores	Manganese (Mn)	USEPA 200.7	ICP-OES	-	F
Chemical	Minerals / Ores	Nickel (Ni)	USEPA 200.7	ICP-OES	-	F
Chemical	Minerals / Ores	Zinc (Zn)	USEPA 200.7	ICP-OES	-	F
Chemical	Polymer / Plastic	Melt Flow Rate / Melt Flow Index	ASTM D1238	Extrusion plastometer	-	F
Chemical	Polymer / Plastic	Density	ASTM D792	Digital density meter	-	F
Chemical	Polymer / Plastic	Material Identification	ASTM E1252	FTIR spectroscopy	-	F
Chemical	Polymer / Electrical Materials	Lead (Pb)	IEC 62321	XRF screening / ICP-OES after digestion	-	F
Chemical	Polymer / Electrical Materials	Cadmium (Cd)	IEC 62321	XRF screening / ICP-OES after digestion	-	F
Chemical	Polymer / Electrical Materials	Mercury (Hg)	IEC 62321	XRF screening / ICP-OES after digestion	-	F
Chemical	Polymer / Electrical Materials	Hexavalent Chromium [Cr(VI)]	IEC 62321	XRF screening / ICP-OES after digestion	-	F
Chemical	Cement	Chemical Composition	ASTM C114	XRF / wet chemical analysis	-	F
Chemical	Cement	Silicon (Si)	ASTM E1621	X-ray fluorescence spectrometry	-	F
Chemical	Cement	Aluminum (Al)	ASTM E1621	X-ray fluorescence spectrometry	-	F
Chemical	Cement	Iron (Fe)	ASTM E1621	X-ray fluorescence spectrometry	-	F
Chemical	Cement	Calcium (Ca)	ASTM E1621	X-ray fluorescence spectrometry	-	F
Chemical	Cement	Magnesium (Mg)	ASTM E1621	X-ray fluorescence spectrometry	-	F
Mechanical	Cement	Compressive Strength	ASTM C39/C39M	Compression testing machine	-	F

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Mechanical	Concrete	Compressive Strength	ASTM C39/C39M	Compression testing machine	-	F
Mechanical	Concrete	Water Absorption	ASTM C642	Immersion / oven-dry gravimetry	-	F
Mechanical	Aggregates	Gradation	ASTM C136/C136M	Sieve analysis	-	F
Mechanical	Aggregates	Abrasion	ASTM C131/C131M	Los Angeles abrasion machine	-	F
Chemical	Bitumen / Asphalt	Penetration	ASTM D5	Penetrometer	-	F
Chemical	Bitumen / Asphalt	Softening Point	ASTM D36	Ring-and-ball apparatus	-	F
Chemical	Food	Moisture	AOAC 925.10	Gravimetric / impinger method	-	F
Chemical	Food	Protein	AOAC 992.15	Kjeldahl nitrogen determination	-	F
Chemical	Food	Fat	AOAC 920.39	Soxhlet extraction	-	F
Chemical	Food	Energy (kcal/100 g)	AOAC 985.29	Bomb calorimetry / calculation	-	F
Chemical	Food	Arsenic (As)	USEPA 200.7	ICP-OES	-	F
Chemical	Food	Cadmium (Cd)	USEPA 200.7	ICP-OES	-	F
Chemical	Food	Chromium (Cr)	USEPA 200.7	ICP-OES	-	F
Chemical	Food	Copper (Cu)	USEPA 200.7	ICP-OES	-	F
Chemical	Food	Iron (Fe)	USEPA 200.7	ICP-OES	-	F
Chemical	Food	Lead (Pb)	USEPA 200.7	ICP-OES	-	F
Chemical	Food	Manganese (Mn)	USEPA 200.7	ICP-OES	-	F
Chemical	Food	Nickel (Ni)	USEPA 200.7	ICP-OES	-	F
Chemical	Food	Zinc (Zn)	USEPA 200.7	ICP-OES	-	F
Chemical	Food	Atrazine	AOAC 2007.01	GC-MS/MS / LC-MS/MS	-	F
Chemical	Food	Chlorpyrifos	AOAC 2007.01	GC-MS/MS / LC-MS/MS	-	F
Chemical	Food	Cypermethrin	AOAC 2007.01	GC-MS/MS / LC-MS/MS	-	F
Chemical	Food	Deltamethrin	AOAC 2007.01	GC-MS/MS / LC-MS/MS	-	F
Chemical	Food	Imidacloprid	AOAC 2007.01	GC-MS/MS / LC-MS/MS	-	F
Chemical	Food	Aflatoxin B1	AOAC 991.31	Immunoaffinity cleanup + HPLC	-	F
Chemical	Food	Aflatoxin B2	AOAC 991.31	Immunoaffinity cleanup + HPLC	-	F
Chemical	Food	Aflatoxin G1	AOAC 991.31	Immunoaffinity cleanup + HPLC	-	F
Chemical	Food	Aflatoxin G2	AOAC 991.31	Immunoaffinity cleanup + HPLC	-	F

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Chemical	Food	Ochratoxin A	AOAC 2000.03	Immunoaffinity cleanup + HPLC	-	F
Chemical	Food	Deoxynivalenol (DON)	AOAC 2000.03	Immunoaffinity cleanup + HPLC	-	F
Chemical	Food	Zearalenone	AOAC 2000.03	Immunoaffinity cleanup + HPLC	-	F
Biological	Food	Total Plate Count	APHA 966.23	Plate count enumeration	-	F
Biological	Food	E. coli	APHA 9222 G	Membrane filtration / chromogenic confirmation	-	F
Biological	Food	Salmonella	ISO 6579-1	Selective enrichment + biochemical confirmation	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Color	APHA 2120 C	Platinum-cobalt / spectrophotometry	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Odor	APHA 2150 B	Threshold odor test	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Taste	APHA 2160 B	Threshold taste test	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Calcium (Ca)	APHA 3120 B	ICP-OES	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Magnesium (Mg)	APHA 3120 B	ICP-OES	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Potassium (K)	APHA 3120 B	ICP-OES	-	F
Environmental	Water (Drinking, Groundwater, Surface & Process)	Silica	APHA 4500-SiO ₂ C	Molybdenosilicate colorimetry	-	F
Environmental	Wastewater (Industrial, ETP & Sewage)	Mercury (Hg)	USEPA 245.1	Cold-vapor AAS	-	F
Environmental	Soil / Sediment	Lead (Pb)	USEPA 3050B + 6010D	Acid digestion + ICP-OES	-	F
Environmental	Soil / Sediment	Cadmium (Cd)	USEPA 3050B + 6010D	Acid digestion + ICP-OES	-	F
Environmental	Soil / Sediment	Chromium (Cr)	USEPA 3050B + 6010D	Acid digestion + ICP-OES	-	F
Environmental	Soil / Sediment	Copper (Cu)	USEPA 3050B + 6010D	Acid digestion + ICP-OES	-	F
Environmental	Soil / Sediment	Nickel (Ni)	USEPA 3050B + 6010D	Acid digestion + ICP-OES	-	F
Environmental	Soil / Sediment	Zinc (Zn)	USEPA 3050B + 6010D	Acid digestion + ICP-OES	-	F
Environmental	Soil / Sediment	Arsenic (As)	USEPA 3050B + 6010D	Acid digestion + ICP-OES	-	F
Environmental	Soil / Sediment	Mercury (Hg)	USEPA 7471B	Cold-vapor AAS	-	F
Chemical	Gasoline / Petrol	Octane Number	ASTM D2699	CFR research octane engine	-	F
Chemical	Diesel / Fuel Oil	Cetane Number	ASTM D613	Cetane engine	-	F
Chemical	Petroleum Products	Sulfur	ASTM D4294	Energy-dispersive XRF	-	F
Chemical	Petroleum Products	Flash Point	ASTM D93	Pensky-Martens closed cup	-	F

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Chemical	Petroleum Products	Kinematic Viscosity	ASTM D445	Capillary viscometry	-	F
Chemical	Lubricating Oil	Total Acid Number	ASTM D664	Potentiometric titration	-	F
Chemical	Lubricating Oil	Total Base Number	ASTM D2896	Potentiometric titration	-	F
Chemical	Transformer Oil	Water Content	ASTM D6304	Coulometric Karl Fischer	-	F
Chemical	Coal / Coke	Total Moisture	ASTM D3302/D3302M	Gravimetric	-	F
Chemical	Coal / Coke	Sulfur	ASTM D4239	High-temperature combustion / infrared detection	-	F
Chemical	Polymer / Plastic	Density	ASTM D792	Displacement method	-	F
Chemical	Polymer / Plastic	Melt Flow Rate	ASTM D1238	Extrusion plastometer	-	F
Chemical	Cement	Magnesium Oxide (MgO)	ASTM C114	Wet chemical / instrumental analysis	-	F
Chemical	Cement	Sulfur Trioxide (SO ₃)	ASTM C114	Wet chemical / instrumental analysis	-	F
Mechanical	Concrete	Density	ASTM C642	Gravimetric / volumetric	-	F
Mechanical	Aggregates	Specific Gravity	ASTM C127	Pycnometric / gravimetric	-	F
Mechanical	Aggregates	Water Absorption	ASTM C127	Gravimetric	-	F
Chemical	Bitumen / Asphalt	Ductility	ASTM D113	Ductility bath / tensile measurement	-	F
Chemical	Bitumen / Asphalt	Flash Point	ASTM D92	Cleveland open cup	-	F
Textile Testing	Textile fabrics, knitted/woven materials	Fabric mass per unit area (GSM)	ISO 3801	Gravimetric determination	-	F
Textile Testing	Textile fabrics	Fabric thickness	ISO 5084	Thickness gauge	-	F
Textile Testing	Textile fabrics	Tensile strength and elongation	ISO 13934-1	CRE tensile testing	-	F
Textile Testing	Textile fabrics	Tensile strength and elongation	AATCC TM135 / applicable current AATCC method	Tensile testing	-	F
Textile Testing	Textile fabrics	Tear strength – single/tongue type	ISO 13937-1 / ISO 13937-2	Tear testing machine	-	F
Textile Testing	Textile fabrics	Bursting strength	ISO 13938-1	Hydraulic/pneumatic bursting	-	F
Textile Testing	Textile fabrics	Seam tensile strength	ISO 13935-1 / ISO 13935-2	CRE tensile testing	-	F
Textile Testing	Textile fabrics	Seam slippage	ISO 13936-1 / ISO 13936-2	Seam opening/slippage test	-	F
Textile Testing	Textile fabrics	Abrasion resistance – Martindale	ISO 12947-2	Martindale abrasion	-	F
Textile Testing	Textile fabrics	Pilling resistance	ISO 12945-2	Random tumble / pilling evaluation	-	F
Textile Testing	Textile fabrics	Dimensional change after washing	ISO 5077 + ISO 6330	Laundering and dimensional measurement	-	F
Textile Testing	Textile fabrics	Dimensional change after home laundering	AATCC TM135	Laundering and measurement	-	F

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Textile Testing	Garments	Dimensional change after home laundering	AATCC TM150	Laundering and garment measurement	-	F
Textile Testing	Textile fabrics	Colour fastness to washing	ISO 105-C06 / AATCC TM61	Accelerated laundering / grey-scale evaluation	-	F
Textile Testing	Textile fabrics	Colour fastness to rubbing – dry and wet	ISO 105-X12 / AATCC TM8	Crockmeter	-	F
Textile Testing	Textile fabrics	Colour fastness to perspiration	ISO 105-E04 / AATCC TM15	Acid/alkaline perspiration exposure	-	F
Textile Testing	Textile fabrics	Colour fastness to water	ISO 105-E01 / AATCC TM107	Water immersion / transfer assessment	-	F
Textile Testing	Textile fabrics	Colour fastness to light	ISO 105-B02 / AATCC TM16.3	Xenon-arc exposure	-	F
Textile Testing	Textile fabrics	Colour fastness to sea water	ISO 105-E02 / AATCC TM106	Sea-water exposure	-	F
Textile Testing	Textile fabrics	Colour fastness to chlorinated water	ISO 105-E03 / AATCC TM162	Chlorinated-water exposure	-	F
Textile Testing	Textile fabrics	Water repellency – spray	ISO 4920 / AATCC TM22	Spray rating	-	F
Textile Testing	Textile fabrics	Hydrostatic pressure / water resistance	ISO 811 / AATCC TM127	Hydrostatic pressure tester	-	F
Textile Testing	Textile fabrics	Air permeability	ISO 9237	Air permeability tester	-	F
Textile Testing	Textile fabrics	Water-vapour resistance / thermal resistance	ISO 11092	Sweating guarded hotplate	-	F
Textile Testing	Textile fabrics	Absorbency	AATCC TM79	Drop/absorbency assessment	-	F
Textile Testing	Textile fabrics	Oil repellency	AATCC TM118	Hydrocarbon resistance rating	-	F
Textile Testing	Textile fabrics	Soil release	AATCC TM130	Oily stain release assessment	-	F
Textile Testing	Textile fabrics	Fiber identification – qualitative	AATCC TM20	Microscopy / chemical identification	-	F
Textile Testing	Textile fibres/yarns/fabrics	Fiber composition – quantitative	AATCC TM20A	Quantitative fibre analysis	-	F
Chemical / RSL	Textile materials	pH of aqueous extract	ISO 3071:2020	Aqueous extraction + pH measurement	-	F
Chemical / RSL	Textile materials	Free and hydrolysed formaldehyde	ISO 14184-1:2011	Water extraction + spectrophotometric determination	-	F
Chemical / RSL	Textile materials	Formaldehyde release	ISO 14184-2:2011 / AATCC TM112	Released-formaldehyde determination	-	F
Chemical / RSL	Dyed / printed / coated textiles	Aromatic amines from restricted azo colourants	ISO 14362-1:2017	Reduction/extraction + chromatographic determination	-	F
Chemical / RSL	Textile materials	Extractable heavy metals – where specified by applicable RSL	Applicable ISO/EN RSL method	Extraction + ICP-OES / AAS	-	F
Chemical / RSL	Textile materials	Total heavy metals – where specified by applicable RSL	Applicable ISO/EN RSL method	Acid digestion + ICP-OES / AAS	-	F
Chemical / RSL	Textile materials	Lead (Pb)	Applicable current ISO/EN RSL method	Digestion + AAS / ICP-OES	-	F
Chemical / RSL	Textile materials	Cadmium (Cd)	Applicable current ISO/EN RSL method	Digestion + AAS / ICP-OES	-	F
Chemical / RSL	Textile materials	Chromium (Cr)	Applicable current ISO/EN RSL method	Digestion + AAS / ICP-OES	-	F
Chemical / RSL	Textile materials	Nickel (Ni)	Applicable current ISO/EN RSL method	Extraction/digestion + AAS / ICP-OES	-	F

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Chemical / RSL	Textile materials	Copper (Cu)	Applicable current ISO/EN RSL method	Digestion + AAS / ICP-OES	-	F
Chemical / RSL	Textile materials	Mercury (Hg)	Applicable current ISO/EN RSL method	Digestion + AAS / CV-AAS	-	F
Chemical / RSL	Textile materials	Chromium VI [Cr(VI)] – where required by RSL	Applicable current ISO/EN RSL method	Specific Cr(VI) extraction + instrumental determination	-	F
Chemical / RSL	Textile materials	Chlorophenols / PCP – where applicable	Applicable current ISO/EN RSL method	Solvent extraction + chromatographic determination	-	F
Chemical / RSL	Textile materials	Phthalates – where applicable	Applicable current ISO/EN RSL method	Solvent extraction + GC-MS	-	F
Chemical / RSL	Textile materials	Alkylphenols / APEOs – where applicable	Applicable current ISO/EN RSL method	Extraction + GC-MS / LC-MS	-	F
Chemical / RSL	Textile materials	Organotin compounds – where applicable	Applicable current ISO/EN RSL method	Extraction + GC-MS	-	F
Chemical / RSL	Textile materials	PFAS / fluorinated compounds – where applicable	Applicable current ISO/EN RSL method	Extraction + LC-MS/MS	-	F
Chemical / RSL	Textile materials	Polycyclic aromatic hydrocarbons (PAHs) – where applicable	Applicable current ISO/EN RSL method	Solvent extraction + GC-MS	-	F
Chemical / RSL	Textile materials	Disperse dyes / allergenic dyes – where specified	Applicable current ISO/EN RSL method	Extraction + chromatographic determination	-	F
Chemical / RSL	Textile materials	Carcinogenic / banned dyes – where specified	Applicable current ISO/EN RSL method	Extraction + chromatographic determination	-	F
Leather Testing	Leather / hides / skins	Specimen position and preparation	ISO 2418:2023	Specimen marking, cutting and preparation	-	F
Leather Testing	Leather	Thickness	ISO 2589	Thickness gauge	-	F
Leather Testing	Leather	Tensile strength and elongation	ISO 3376:2020	CRE tensile testing	-	F
Leather Testing	Leather	Tear load – single edge	ISO 3377-1:2011 (current published edition)	Single-edge tear test	-	F
Leather Testing	Leather	Tear load – double edge	ISO 3377-2:2025	Double-edge / Baumann tear test	-	F
Leather Testing	Leather	Stitch tear strength	Applicable ISO/IULTCS method	Tensile/tear testing	-	F
Leather Testing	Leather	Flex resistance	Applicable ISO/IULTCS method	Flexometer / repeated flexing	-	F
Leather Testing	Leather	Finish adhesion	ISO 11644:2022	Peel/adhesion force measurement	-	F
Leather Testing	Leather	Colour fastness to rubbing	ISO 11640:2018	To-and-fro rubbing with wool felt	-	F
Leather Testing	Leather	Colour fastness to water	Applicable ISO/IULTCS method	Water exposure + colour/staining assessment	-	F
Leather Testing	Leather	Colour fastness to perspiration	Applicable ISO/IULTCS method	Perspiration exposure + grey-scale assessment	-	F
Leather Testing	Leather	Colour fastness to light	Applicable ISO/IULTCS method	Light exposure + colour change assessment	-	F
Leather Testing	Leather	Finish / surface appearance	Applicable ISO/IULTCS method	Visual / instrumental evaluation	-	F
Leather Testing	Leather	Water resistance / penetration	Applicable ISO/IULTCS method	Water penetration / absorption test	-	F
Leather Testing	Leather	Abrasion resistance	Applicable ISO/IULTCS method	Abrasion apparatus / mass or appearance change	-	F
Chemical / RSL	Leather	pH / difference figure	Applicable ISO/IULTCS method	Aqueous extraction + pH measurement	-	F
Chemical / RSL	Leather	Extractable metals	ISO 17072-1:2019	Artificial perspiration extraction + ICP-OES / ICP-MS / AAS	-	F
Chemical / RSL	Leather	Total metals	ISO 17072-2:2022	Acid digestion + ICP-OES / ICP-MS / AAS	-	F

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Chemical / RSL	Leather	Lead (Pb)	ISO 17072-1 / ISO 17072-2	Extraction or digestion + AAS / ICP	-	F
Chemical / RSL	Leather	Cadmium (Cd)	ISO 17072-1 / ISO 17072-2	Extraction or digestion + AAS / ICP	-	F
Chemical / RSL	Leather	Chromium (Cr)	ISO 17072-1 / ISO 17072-2	Extraction or digestion + AAS / ICP	-	F
Chemical / RSL	Leather	Arsenic (As)	ISO 17072-1 / ISO 17072-2	Extraction or digestion + AAS / ICP	-	F
Chemical / RSL	Leather	Mercury (Hg)	ISO 17072-1 / ISO 17072-2	Extraction or digestion + AAS / CV-AAS	-	F
Chemical / RSL	Leather	Nickel (Ni)	ISO 17072-1 / ISO 17072-2	Extraction or digestion + AAS / ICP	-	F
Chemical / RSL	Leather	Chromium VI [Cr(VI)]	ISO 17075-1:2017 / applicable current part	Specific extraction + colorimetric determination	-	F
Chemical / RSL	Dyed leather	Aromatic amines from restricted azo colourants	ISO 17234-1:2024	Reduction/extraction + chromatographic determination	-	F
Chemical / RSL	Leather	Formaldehyde – free and released	ISO 17226-1:2021	Water extraction + HPLC determination	-	F
Chemical / RSL	Leather	Chlorophenols including PCP / TeCP / TrCP / DCP / MCP	ISO 17070:2015	Extraction + chromatographic determination	-	F
Chemical / RSL	Leather	Dichloromethane soluble matter / extractable substances	ISO 4048:2018	Dichloromethane extraction + gravimetry	-	F
Chemical / RSL	Leather	Phthalates – where required by customer RSL	Applicable current ISO/EN RSL method	Solvent extraction + GC-MS	-	F
Chemical / RSL	Leather	Alkylphenols / APEOs – where required	Applicable current ISO/EN RSL method	Extraction + GC-MS / LC-MS	-	F
Chemical / RSL	Leather	Organotin compounds – where required	Applicable current ISO/EN RSL method	Extraction + GC-MS	-	F
Chemical / RSL	Leather	PFAS / fluorinated compounds – where required	Applicable current ISO/EN RSL method	Extraction + LC-MS/MS	-	F
Chemical / RSL	Leather	PAHs – where required	Applicable current ISO/EN RSL method	Solvent extraction + GC-MS	-	F