

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
1	Jute/Jute Products	Abrasion resistance	In-House (Rubbing Fastness Tester)	2500	5
2	Textile Fabrics	Abrasion resistance	ASTM (Rubbing Fastness Tester)	1500	5
3	Tooth Paste/Tooth Powder	Abrasivity	In-House	2000	10
4	Plastic and Polymer	Acetaldehyde Content	In-House (TG-GC-MS/FT-Raman Spectrometer/ FT-MIR-NIR Spectrometer)	15000	15
5	Hand Sanitizer/Hand Wash/Hand Gel (Dhaka Lab)	Acetone	GC	8000	10
6	Rubber/Rubber Products	Acetone Extract %	Chemical method/ASE/ASTM	4000	5
7	Melamine Tableware	Acid Resistance	In-House	3000	5
8	Plastic and Polymer	Acid Value	Chemical	5000	10
9	Soil/Sediment/River bed Sediment/Bore hole Soil	Acidity	Potentiometric Titrator	2000	10
10	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Acidity	Potentiometric Titrator	1500	10
11	Liquid detergent/Laundry Soap/Detergent Powder/Liquid soap / Hand wash/Face Wash/Toilet Soap/Bathing Bar/Detergent Powder/Shampoo	Active detergent content	In-House	3000	10
12	Paper and Paper board	Air Resistance	TAPPI	1500	7
13	Paper and Paper board/Paper and Paper board(CBS-1 Paper)	Air resistance (Gurley)	TAPPI	1500	7
14	Rubber/Rubber Products	Alcohol Extract %	Chemical method/ASE/ASTM	4000	5
15	Shampoo	Alcohol insoluble matter	In-House	3000	10
16	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Aldrin	GC	10000	10
17	Melamine Tableware	Alkali Resistance	In-House	3000	5
18	Paper and Paper board	Alkali solubility (Wood or Nonwood Plant or pulp material)	TAPPI	3000	7
19	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Alkalinity (Total / Phenolphthalein)	Potentiometric Titrator	1500	10
20	Paper and Paper board	Alpha Cellulose (Wood or Nonwood Plant or pulp material)	TAPPI	4000	7
21	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	alpha-BHC	GC	10000	10
22	Soil/Sediment/River bed Sediment/ Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil	Aluminium	Atomic Absorption Spectrophotometer	2500	10

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23	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Aluminium	Atomic Absorption Spectrophotometer	2000	10
24	Rubber Latex	Ammonia Content	In-House	3000	5
25	Soil/Sediment/River bed Sediment/ Fertilizer/Organic Fertilizer/Bore hole Soil	Ammonium	Nitrogen Digestion and Distillation Apparatus	2000	10
26	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Ammonium	Nitrogen Digestion and Distillation Apparatus	1500	10
27	Acid	Ammonium (NH ₄)		2500	10
28	Pharmaceuticals Products/Cosmetics/Herbs/Herbal Products/Organic compounds	Antibacterial property of test sample	Biosafety cabinet, Incubator	3000	10
29	Pharmaceuticals Products/Organic compounds	Antifungal property of test sample	Biosafety cabinet, Incubator	3000	10
30	Cosmetics/Herbs/Herbal Products	Antifungal property of test sample	Biosafety cabinet, Incubator	3000	10
31	Plant extract	Antimicrobial	Biosafety cabinet, Incubator	3000	10
32	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Antimony	Atomic Absorption Spectrophotometer	2000	10
33	Pharmaceuticals Products/Cosmetics/Herbs/Herbal Products/Organic compounds	Antioxidant property of test sample	UV-Vis spectrophotometer	3000	10
34	Natural Product Extract, Plant Extract, Pure Compound, Ayurvedic product etc	Antioxidant Test (DPPH Method)	UV-Visible Spectrophotometer	3000	10
35	Plant extract	Antioxidant	UV-Vis spectrophotometer	3000	10
36	Plant extract	Antioxidant (DPPH assay)/ Other methods	UV-Visible Spectrophotometer	3000	10
37	Fatty oil	Appearance	In-House	250	7
38	Textile Fabrics	Appearance	ASTM (Light Box)	1500	2
39	Wood adhesive	Appearance	In-House	1000	2
40	Acetic Anhydride	Appearance, Assay of Acetic Anhydride	In-House	7000	10
41	Formalin	Appearance, Assay of formalin	In-House	4000	10
42	Gibberalic acid	Appearance, Assay of gibberalic acid	In-House	6500	10
43	Hydrogen peroxide	Appearance, Assay of Hydrogen peroxide	In-House	3000	10
44	D-trans-allithrin/Esbiothrin/Parmetrin	Appearance, Content of D-trans-allithrin	GC	6500	10

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45	Glyphosate	Appearance, content of glyphosate	In-House	6500	10
46	Body Lotion	Appearance, Content of Hydroquinone	HPLC	6500	10
47	Acetic Acid	Appearance, Density, Boilling Point, Odor, Purity	In-House	7000	10
48	Calcium Chloride	Appearance, Density, Identification test, Assay of calcium Chloride	In-House	8000	10
49	Nitric Acid	Appearance, density, identification test, assay of Nitric acid	In-House	5000	10
50	Glycerin	Appearance, glycerin content	In-House	6500	10
51	Mosquito repellent agent/coil	Appearance, Identification test, Solubility, Moisture, IR absorbance, Density, Viscosity	In-House	12000	10
52	Mosquito repellent cream	Appearance, Identification test, Solubility, Moisture, IR absorbance, Density, Viscosity	In-House	8000	10
53	Lotion	Appearance, Moisture content, pH, Total fatty-matter, Non volatile alcohol soluble matter	In-House	8000	10
54	Bleaching Powder	Appearance, Moisture, Assay of Bleaching Powder	In-House	5000	10
55	Diclofenac sodium	Appearance, Moisture, Assay of Ibruprofen	HPLC	6500	10
56	Chalk Powder/Lime Stone	Appearance, Moisture, Bulk density, pH, Identification test, Assay of Calcium Carbonate	In-House	5000	10
57	Lime Lumps	Appearance, Moisture, Carbonate, Chloride, Sulfate, Calcium, Magnesium, Silicon	In-House	6250	10
58	Dolomite	Appearance, Moisture, Density, Identification test, Assay of Calcium carbonate, Magnesium carbonate	In-House	5000	10

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59	Capsaicinoids	Appearance, Moisture, Identification test, Assay of capsaicinoids	HPLC	12000	10
60	Hydrochloric acid	Appearance, Odor, Density, Purity	In-House	5500	10
61	Formic acid	Appearance, Odor, Density, Purity, Boiling point	In-House	5500	10
62	Glauber Salts	Appearance, pH, Hardness, odor, moisture, purity	In-House	7000	10
63	Dichloromethane	Appearance, Purity of dichloromethane	GC	6500	10
64	Ethanol/Alcohol	Appearance, Purity of ethanol	GC	6500	10
65	Ethyl acetate	Appearance, Purity of ethyl acetate	GC	6500	10
66	Methanol	Appearance, Purity of Methanol	GC	10000	10
67	n-Butanol	Appearance, Purity of n-Butanol	GC	6500	10
68	n-Hexane	Appearance, Purity of n-Hexane	GC	6500	10
69	Multi Purpose Solution	Appearance, Solubility, Chloride, Sodium, Nitrogen, Boraeion. pH, Carboxylic acid	In-House	3750	10
70	Oxalic acid	Appearance, Solubility, Content of oxalic acid	In-House	6250	10
71	Mono sodium Glutamate	Appearance, Solubility, Moisture, Ash, pH, Melting point, Content of Sodium, FTIR Spectrum	In-House	10000	10
72	Magnesium Oxide	Appearance, solubility, Moisture, Chloride, Carbonate, Sulfate, Content of Magnesium	In-House	6250	10
73	Benzalkonium chloride (Preservative)	Appearance, Solubility, Moisture, Content of Benzalkonium chloride	In-House	3750	10

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74	Di-Octyl Phthalate (DOP)	Appearance, Solubility, Moisture, Density, pH, Presence of Phthalate, DOP Quantification, FTIR	In-House	13300	10
75	Aluminum Sulfate Hexadecahydrate	Appearance, Solubility, Moisture, Melting Point, Fe content, Aluminum Sulfate	In-House	8000	10
76	Barium Nitrate	Appearance, Solubility, Moisture, pH, Presence of Barium, Quantitative estimation of Barium nitrate	In-House	15000	10
77	Aluminum Chloride	Appearance, Solubility, Moisture, Presence of Aluminum, Content of Aluminum Oxide	In-House	8000	10
78	Copper Nitrate	Appearance, Solubility, Moisture, Presence of Copper & Nitrate, Quantitative estimation of copper nitrate	In-House	5000	10
79	Ferrous Sulfate	Appearance, Solubility, Moisture, Test of iron & Sulfate	In-House	6500	10
80	Magnesium Oxide	Appearance, Solubility, Moisture, Test of magnesium, Content of Magnesium Oxide	In-House	6250	10
81	Melamine	Appearance, Solubility, pH, Water content, Identification Test, Impurities, Content of melamine in the sample	HPLC	12000	10
82	Aluminum Oxide	Appearance, Solubility, Presence of Aluminum, Content of Aluminum Oxide	In-House	8000	10
83	Aluminum Sulfate	Appearance, Solubility, Presence of Aluminum, Fe content, Content of Aluminum Oxide	In-House	8000	10



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84	DCDA (Dicyandiamide)	Appearance, Solubility, Solid content, pH, Density, Water content, DCDA content, Ammonium, FTIR spectrum	In-House	25000	10
85	Wetting chemical	Appearance, Specific gravity, Viscosity, Flash point, pH, Ionic character, Ash content, Moisture, Active matter, Hydrocarbon content, FTIR spectrum	In-House	12000	10
86	Crude salt	Appearance, Total alkalinity, Bulk Density	In-House	3500	10
87	ROCK phosphate	Appearance, Moisture content of P2O5, CaO, SiO2, BPL	In-House	8000	10
88	Sulphuric Acid	Appearance, odor, moisture, density, Purity	In-House	5500	10
89	Potash	Appearance, pH, Moisture, Assay of potash	In-House	5000	10
90	Sodium Dichromate	Appearance, pH, Moisture, solubility, content of sodium dichromate	In-House	6250	10
91	Potassium silicate	Appearance, pH, Solubility, Impurities, Assay of Potassium silicate	In-House	8000	10
92	Wettable sulfur	Appearance, pH, Solubility, moisture, bulk density, Content of Sulfur	In-House	12000	10
93	Sodium Sulfite	Appearance, pH, Solubility, moisture, purity, identification test, assay of sodium sulfite	In-House	5000	10
94	Sodium Sacharin	Appearance, pH, Solubility, moisture, purity, odor	In-House	10500	10
95	Sodium Hydroxide	Appearance, pH, Solubility, odor, purity	In-House	7000	10
96	Sodium Sulfate(Anhydrous/ dyeing salt)	Appearance, pH, Solubility, odor, purity, identification test, assay of sodium sulfate	In-House	7000	10

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97	Sulphur	Appearance, Solubility, moisture, Ash, Identification test for sublimed sulphur, precipitated sulphur & colloidal sulphur, Content of sulphur	In-House	17500	10
98	Uncoated calcium carbonate	Appearance, Solubility, Moisture, Content of calcium carbonate, Ash, Presence of sodium stearate & stearic acid, FTIR Spectrum	In-House	12000	10
99	Potassium chlorate	Appearance, Solubility, Qualitative and quantitative tests	In-House	12000	10
100	Soil/Sediment/River bed Sediment/Cream (cosmetic) /Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil/	Arsenic	Atomic Absorption Spectrophotometer	2500	10
101	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Arsenic	Atomic Absorption Spectrophotometer	2000	10
102	Mosquito Coil Ingredient (Any)	Asbiothrin	GC	10000	10
103	Paper and Paper board	Ash	TAPPI	2000	7
104	Ball point pen ink/Paper gum/Printer toner/Printing Ink/Wood adhesive/Sodium Alginate/Leather adhesive	Ash	In-House	1000	7
105	Synthetic adhesive/Textile printing ink/Sodium Alginate	Ash	In-House	2000	3
106	Wood adhesive	Ash	ASTM/ AOAC	2000	5
107	Ball point pen ink/Paper gum/Printer toner/Printing Ink/Wood adhesive/Sodium Alginate/Leather adhesive	Ash	In-House	2000	7
108	Paper and Paper board	Ash (Wood or Nonwood Plant or pulp material)	TAPPI	2000	7
109	Carboxy Methyl Cellulose (CMC)/Rubber Latex/Plastic and Polymer	Ash Content	In-House	2000	5
110	Textile Fabrics	Ash Content	ASTM (Muffle Furnace)	2000	3
111	Carboxy Methyl Cellulose (CMC)	Ash Content, Viscosity, Assay of CMC, Molecular Weight, pH, Solubility (package).	In-House	25000	20
112	Activated Carbon	Ash(%)	In-House	1500	7
113	Calcium Carbonate	Ash(%)	In-House	2500	7
114	Adhesive (Natural & Synthetic)	Ash, Total Organic Material, Density, Viscosity, Inorganic Material, Biochemical properties	In-House	18500	15

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115	Adhesive (Natural & Synthetic)	Ash, Total Organic Material, Density, Viscosity, Inorganic Material, Biochemical properties (package).	In-House	25000	15
116	Calcium Carbonate	Assay of Calcium	In-House	2500	7
117	Jute/Jute Products	Azo dye analyses	In-House (TG-GC-MS /UPLC/FT-Raman Spectrometer)	15000	15
118	Textile Fabrics	Azo dye analysis	BS EN (TG-GC-MS /UPLC/FT-Raman Spectrometer)	15000	15
119	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	beta -BHC	GC	10000	10
120	Soil/Sediment/River bed Sediment/ Bore hole Soil	Bicarbonate	Potentiometric Titrator	2000	10
121	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Bicarbonate	Potentiometric Titrator	1500	10
122	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Biochemical Oxygen Demand (BOD5)	BOD Sensor Set/ BOD TRACK System	2500	10
123	Plastic and Polymer	Biodegradability	In-House (Composting method)	25000	200
124	Plastic and Polymer	Bisphenol-A Content	In-House (UPLC/LC-MS-MS/TG-GC-MS/FT-Raman Spectrometer/ FT-MIR-NIR Spectrometer)	15000	15
125	Synthetic adhesive	Bond strength	In-House	3000	5
126	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/Vegetables/ Bore hole Soil/Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Boron	Atomic Absorption Spectrophotometer	2000	10
127	Paper and Paper board	Breaking Length	TAPPI	1500	7
128	Tube Light/ CFL/ LED	Brightness/Intensity (Lumen/LUX)	Irradiance meter/Solar power meter	2000	5 to 10
129	LED lights/ Tube Bulb (Home & Office lightening/ Industrial)	Brightness/Luminous Flux (lm)	Irradiance meter	10000	5 to 10
130	Soil/Sediment/River bed Sediment/ Bore hole Soil	Bromide	Ion Chromatography System	2000	10
131	Geo Textile	Bursting Strength	In-House	3000	5
132	Paper and Paper board	Bulk	TAPPI	1500	3
133	Paper and Paper board	Burst Factor	TAPPI	1500	7
134	Paper and Paper board	Burst Index	TAPPI	1500	7
135	Paper and Paper board	Burst Strength	TAPPI	1500	7
136	Jute/Jute Products	Bursting strength	In-House (Bursting Strength Tester)	3000	3

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137	Textile Fabrics	Bursting strength	D3786/D3786M-13 (Bursting Strength Tester)	3000	3
138	Crude salt	Ca ⁺⁺	In-House	2500	7
139	Cream (cosmetic)/Sediment and River bed Sediment/Fertilizer/acid/Soil/Organic Fertilizer/Acid (Phosphoric)/Heavy Metal and Metals in all types of samples (except pure metal)	Cadmium	Atomic Absorption Spectrophotometer (AAS)	2500	7
140	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/Vegetables/ Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	Cadmium	Atomic Absorption Spectrophotometer	2000	20
141	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water/ Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/Vegetables/ Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	Cadmium	Atomic Absorption Spectrophotometer	2000	10
142	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Calcium	Atomic Absorption Spectrophotometer	1500	10
143	Textile printing ink	Calcium carbonate	In-House	2000	7
144	Rubber/Rubber Products	Carbon %	Chemical method	4000	7
145	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water /Soil/Sediment/River bed Sediment/ Bore hole Soil	Carbonate	Potentiometric Titrator	1500	10
146	Jute/Jute Products	Carcinogenic dye analyses	In-House (UPLC/UPLC-MS-MS/FT-Raman Spectrometer)	15000	15
147	Textile Fabrics	Carcinogenic dye analyses	In-House (UPLC/UPLC-MS-MS/FT-Raman Spectrometer)	6000	7
148	Thin film/Foil/wafer	Carrier concentration, Mobility and Resistivity (Van der Pauw)	Home-built Hall effect measurement setup (variable magnetic field: 0.3 – 1.0 Tesla)	2500	5 to 10
149	Soil/Sediment/River bed Sediment/Bore hole Soil	Cation Exchange Capacity	Nitrogen Digestion and Distillation Apparatus	3000	10
150	Jute/Jute Products	Cellulose content	In-House (Chemical method)	3000	5
151	Textile Fabrics	Characterization	In-House	6000	7
152	Geo Textile	Chemical Analysis of Fibre	In-House (Chemical method)	5000	7
153	Laminated board	Chemical Composition	In-House	8000	3

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154	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Chemical Oxygen Demand (COD)	Spectrometer	2500	10
155	Paper and Paper board	Chemical Sensitivity	TAPPI	9000	7
156	Paper and Paper board(CBS-1 Paper)	Chemical sensitivity	TAPPI	9000	7
157	Soil/Sediment/River bed Sediment/Fertilizer/ Bore hole Soil	Chloride	Ion Chromatography System	2000	10
158	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Chloride	Ion Chromatography System	1500	10
159	Glauber Salts	Chloride as NaCl (Percentage)	In-House	2000	15
160		Chloride content	In-House	1500	10
161		Chlorides	In-House	2000	7
162	Toilet Soap/Bathing Bar/Soap(Laundry)	Chlorides as Sodium Chloride(NaCl)%	In-House	3000	10
163	Baby Toilet Soap	Chlorides,calculated as NaCl	In-House	3500	10
164	Jute/Jute Products/Textile Fabrics	Chlorinated organic carrier	In-House (UPLC/TG-GC-MS/ GC (FID+ECD) with Headspace Sampler /FT-Raman Spectrometer)	15000	15
165	Jute/Jute Products/Textile Fabrics	Chlorinated phenols	In-House (UPLC/ TG-GC-MS/ GC (FID+ECD) /FT-Raman Spectrometer)	15000	15
166	Textile Fabrics	Chlorinated water	ASTM (Titrimetric)	5000	7
167	Rubber/Rubber Products	Chloroform extract	In-House	3000	5
168	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/Vegetables/ Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	Chromium	Atomic Absorption Spectrophotometer	2000	20
169	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Chromium	Atomic Absorption Spectrophotometer	2000	10
170	Acid/Cream/Sediment and River bed Sediment/Fertilizer/Soil/Organic Fertilizer/Acid (Phosphoric)/Heavy Metal and Metals in all types of samples (except pure metal)	Chromium (Cr)	In-House	2000	10
171	Crude salt	CO3--	In-House	2500	7
172	Paper and Paper board	Coating	TAPPI	2000	7

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173	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water/Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	Cobalt	Atomic Absorption Spectrophotometer	2000	10
174	Paper and Paper board	Cobb	TAPPI	2000	7
175	Paper and Paper board	Cold water solubility (Wood or Nonwood Plant or pulp material)	TAPPI	3000	7
176		color	In-House	1000	7
177	LED lights/ Bulb (Home & Office lightening)	Color & whole spectrum	Irradiance meter	5000	3 to 7
178	LED lights/ Bulb (Industrial)	Color & whole spectrum	Irradiance meter	10000	5 to 10
179	Liquid sample	Conductivity	Conductivity meter	2000	3 to 7
180	Solid/Powder/Thin film	Conductivity	Home-Built setup with SMU 2450 Source meter	3000	5 to 10
181	1- Napthalic Acetic Acid	Content of 1-Napthalic Acid	HPLC	8000	10
182	GA3	Content of GA3	HPLC	8000	10
183	Glyphosate	content of glyphosate	In-House	15000	10
184	Sulphur	Content of sulphur	In-House	5000	10
185	Paint, Varnish, Lacquer & Adhesive products and formulation study	Copolymer analyses	In-House (FT-Raman Spectrometer /Simultaneous Thermal Analyzer (TG-DTA/DSC)/GPC-FIPA-TDA)	15000	15
186	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water/Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	Copper	Atomic Absorption Spectrophotometer	2000	10
187	Paper and Paper board	Cotton percentage	TAPPI	2000	7
188	Textile Fabrics	Count	In-House (Beta count)	2500	5
189	Henna,Food,Drug & Cosmetic grade dyes & pigments	Curcumin content	HPLC	10000	7
190	Paint, Varnish, Lacquer & Adhesive products and formulation study	Curing study	In-House (Simultaneous Thermal Analyzer (TG-DTA/DSC))	6000	7
191	Battery-Dry cell	Cycle Life	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	10000	7 to 15
192	Electrode/ Thin film / Metal / Semimetal etc.	Cyclic voltammetry (Electrochemical measurement)	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	5000	7 to 15
193	Plant extract	Cytotoxicity (Cell line)	Biosafety cabinet, Incubator, Cell counter, Microscop	6000	10

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194	Dyes & Pigments	Deformulation study	In-House (TG-GC-MS/FT-Raman Spectrometer/ FT-MIR-NIR Spectrometer/Simultaneous Thermal Analyzer (TG-DTA/DSC)/ GPC-FIPA-TDA)	15000	15
195	Mosquito Coil Ingredient (Any)	D-Ellahrin/D-Allathrin	GC	10000	10
196	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	delta-BHC	GC	10000	10
197	Bitumen & related products	Density	In-House	3000	3
198	Synthetic adhesive/Rubber Latex/Plastic and Polymer	Density	In-House	2000	5
199	Body Oil	Density, Peroxide value, Acid value, Iodine value	In-House	8000	10
200	Hair oil	Density, peroxide value, acid value, iodine value, Sap. value	In-House	15000	10
201	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Dieldrin	GC	10000	10
202	Plastic and Polymer	Dimension	In-House (Thickness gauge/Thickness meter)	1500	2
203	Textile Fabrics	Dimensional stability	ISO (Washing machine)	3000	5
204	Pesticides (Organophosphorus) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Dimethoate	GC	10000	10
205	Jute/Jute Products	Disperse dye analyses	In-House (UPLC/UPLC-MS-MS/FT-Raman Spectrometer)	6000	7
206	Textile Fabrics	Disperse dye analysis	AATCC (UPLC/UPLC-MS-MS/FT-Raman Spectrometer)	6000	7
207	Bitumen & related products	Distillation Residue	In-House	10000	5
208	Pesticides (Organophosphorus) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Disulfoton	GC	10000	10
209	Rubber/Rubber Products/Rubber Latex	Dry Rubber Content (DRC)	In-House (Oven)	2000	5
210	Mosquito Coil Ingredient (Any)	D-Trans Allethrin	GC	10000	10
211	Bitumen & related products	Ductility	In-House	3000	5
212	Ball point pen ink/Printing Ink	Dye	In-House	3000	7
213	Dyes & Pigments	Dye %	In-House (Chemical method/UV-Vis Spectrophotometer / FT-Raman Spectrometer/FT-MIR-NIR)	6000	7

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
214	Dyes & Pigments	Dye Characterization	In-House (Chemical method/UV-Vis Spectrophotometer / FT-Raman Spectrometer/FT-MIR-NIR)	6000	7
215	Bitumen & related products	Dynamic Viscosity	In-House	5000	7
216	Photo electrode/ Solar cell	Efficiency / IPCE / External quantum efficiency etc.	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	10000	7 to 15
217	LED/ Tube light / CFL bulb etc.	Electrical testing Voltage (V), Current (A), Power (W) etc.	Keithley SMU 2450 source meter	10000	5 to 10
218	Electrode/ Thin film / Metal / Semimetal etc.	Electrochemical Impedance spectroscopy (10 μ Hz – 1 MHz) Nyquist/Bode plot	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	5000	7 to 15
219	Electrode/ Thin film / Metal / Semimetal etc.	Electrochemical measure with Potentiostat / Galvanostat	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	5000	7 to 15
220	Rubber/Rubber Products	Elongation %	In-House (Universal Testing Machine)	3000	5
221	Plastic and Polymer	End group analysis	In-House	5000	5
222	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Endosulfan I	GC	10000	10
223	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Endosulfan II	GC	10000	10
224	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Endosulfan Sulphate	GC	10000	10
225	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Endrin	GC	10000	10
226	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Endrin aldehyde	GC	10000	10
227	Olive Oil /Coconut Oil	Ester Value	In-House	3500	10
228	Hand Sanitizer/Hand Wash/Hand Gel (Dhaka Lab)	Ethanol / Ethyl alcohol	GC	8000	10
229	Paper and Paper board	Extractive (Wood or Nonwood Plant or pulp material)	TAPPI	3000	7

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
230	Paper and Paper board	Extractive, Lignin, Alpha cellulose, Hemi cellulose, Ash (Wood or Nonwood Plant or pulp material).	TAPPI	15000	14
231	Paper and Paper board	Fiber analysis	TAPPI	2000	7
232	Paper and Paper board	Fiber Quality Analysis	TAPPI	5000	7
233	Textile Fabrics	Fibre Composition	In-House (Chemical method)	3000	3
234	Textile Fabrics	Fibre Composition (Multiple component)	In-House (FT-MIR-NIR Spectrometer with diamond ATR & NIRA Accessories/FT-Raman Spectrometer)	8000	7
235	Textile Fabrics	Fibre Composition (Single component)	In-House (FT-MIR-NIR Spectrometer with diamond ATR & NIRA Accessories)	6000	7
236	Jute/Jute Products	Fibre Identification	In house	6000	5
237	Textile Fabrics	Fibre Identification	In-House (FT-MIR-NIR Spectrometer with diamond ATR & NIRA Accessories)	4000	7
238	Textile Fabrics	Fibre Identification	In-House (Chemical method)	3000	7
239	Geo Textile	Fibre Identification & Composition	In-House (FT-Raman Spectrometer/FT-MIR-NIR)	3000	5
240	Thin film	Film Thickness	In-house Gravimetric method	2000	5 to 10
241	Thin film	Film Thickness	Scanning Electron Microscope (SEM)	3000	5 to 10
242	Tooth powder	Fineness (particle retained on 75/150 micron BDS sieve,%)	In-House	3000	10
243		Fineness (particle retained on 75/150 micron BDS sieve,%)	In-House	3000	10
244	Plastic and Polymer	Flame Retardants	In-House (GPC-FIPA-TDA)	10000	7
245	Plastic and Polymer	Flame Retardants	In-House (UPLC/UPLC-MS-MS)	5000	7
246	Jute/Jute Products	Flammability	In-House (45o Flammability Tester)	3000	5
247	Textile Fabrics	Flammability	ASTM (45o Flammability Tester)	2000	3
248	Ethanol/Alcohol	Flash point	In-House	2500	10
249	Bitumen & related products	Flash Point	In-House	2000	3
250	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Fluoride	Ion Chromatography System	1500	10
251	Soil/Sediment/River bed Sediment/Bore hole Soil	Fluride	Ion Chromatography System	1500	10
252	Face Wash/Shampoo/Shaving foam/Liquid soap / Hand wash	Foam height	In-House	1500	10

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
253	Liquid detergent/Laundry Soap/Detergent Powder	Foam height	In-House	2000	7
254	Liquid detergent/Laundry Soap/Detergent Powder	Foam height (1 % solution)	In-House	2000	10
255	Soap(Laundry)	Foam height(1% solution)	In-House	1500	10
256		Foaming power	In-House	2000	10
257	Jute/Jute Products	Formaldehyde content	In-House (UV-VIS Spectrophotometer)	5000	7
258	Textile Fabrics	Formaldehyde content	ASTM (UV-VIS Spectrophotometer)	3000	5
259	Soap(Laundry)/Toilet Soap/Bathing Bar	Free carbonated alkali % by mass	In-House	3000	10
260	Soap(Laundry)	Free Caustic alkali(NaOH) %by mass	In-House	3000	10
261	Baby Toilet Soap	Free caustic alkali,calculated as Na ₂ O	In-House	3000	10
262		Free fatty acid	In-House	2000	7
263	Liquid detergent/Laundry Soap/Detergent Powder	Freedom from cracking	In-House	2000	10
264	Detergent Powder/Soap(Laundry)/Liquid detergent/Laundry Soap/Detergent Powder/Liquid soap / Hand wash/Baby Toilet Soap	Freedom from grittiness	In-House	2000	7
265	Baby Toilet Soap	Freedom from rosin	In-House	3000	10
266	Fibre/Sodium Alginate/Knitting Oil/Lubricating Oil	FT-IR	FT-IR	6000	10
267	Sodium Alginate	FTIR spectrum	In-House	3000	5
268	FT-IR sample	Functional group test	In-House	3000	7
269	FT-IR sample	Functional group test	In-House	3000	7
270	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	gamma-BHC	GC	10000	10
271	Paper and Paper board	Gloss	TAPPI	2000	7
272	Hand Sanitizer/Hand Wash/Hand Gel (Dhaka Lab)	Glycerine / Glycerol	GC	8000	10
273	Rubber/Rubber Products	Gradation	In-House(Physical & Chemical method)	15000	15
274	Paper and Paper board/Paper and Paper board(CBS-1 Paper)	GSM	TAPPI	1500	7
275	Textile Fabrics	GSM	In-House (GSM Cutter & Balance)	2000	3
276	Paper and Paper board(Cigarette paper)	GSM, ash, streangth, thermal test, burning test, fiber analysis	TAPPI	15000	10
277	Rubber/Rubber Products	Hardness	In-House (Durometer)	2000	5
278	Melamine Tableware	Heat resistance	In-House	3000	5

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
279	Paper and Paper board	Hemi cellulose (Wood or Nonwood Plant or pulp material)	TAPPI	3000	7
280	Paper and Paper board	Hemi cellulose content	TAPPI	2500	7
281	Jute/Jute Products	Hemi cellulose content	In-House (Chemical method)	3000	5
282	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Heptachlor	GC	10000	10
283	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Heptachlor epoxide	GC	10000	10
284	Hand Sanitizer/Hand Wash/Hand Gel	Hexane	GC	8000	10
285	Paper and Paper board	High Weight Strength/High Strength	TAPPI	1500	7
286	Paper and Paper board	Hot water solubility (Wood or Nonwood Plant or pulp material)	TAPPI	4000	7
287	Different samples of Pharmaceuticals	HPLC Assay	In-House	5000	10
288	Wood adhesive	Hydrocarbon	ASTM	5000	5
289	Rubber Latex	Hydrocarbon content	In-House	10000	10
290	Textile printing ink	Hydrocarbon solvent	In-House	5000	3
291	Hand Sanitizer/Hand Wash/Hand Gel	Hydrogen peroxide	GC	8000	10
292	Thin film/ pellet/ any surface etc.	Hydrophobicity/ Hydrophilicity of sample. (WCA in deg.) Multiple measurements with time at three different spots / location of the sample	Contact Angle Goniometer	15000	7 to 15
293	Thin film/ pellet/ any surface etc.	Hydrophobicity/ Hydrophilicity of sample. (WCA in deg.) Single measurement at three different position of the sample	Contact Angle Goniometer	5000	5 to 10
294	Cream (cosmetic)	Hydroquinone Content	HPLC	8000	10
295	Wood adhesive	Identificaion	FT-MIR-NIR Spectrometer	3000	5
296	Dyes & Pigments	Identification	In-House (Chemical method/FT-Raman Spectrometer)	25000	7
297	Resinous products (Natural & synthetic resins and their formulation study)	Identification	In-House (Chemical method/ FT-MIR-NIR Spectrometer with ATR Accessory)	15000	15

BCSIR Laboratories, Dhaka

SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
298	Paint, Varnish, Lacquer & Adhesive products and formulation study	Identification	In-House (Chemical method/FT-Raman)	6000	15
299	Paint, Varnish, Lacquer & Adhesive products and formulation study	Identification	In-House (Oven/Simultaneous)	6000	7
300	Paint, Varnish, Lacquer & Adhesive products and formulation study	Identification	In-House (Thermal Analyzer (TG-DTA/DSC))	6000	5
301	Plastic and Polymer	Identification	In-House (Chemical method/ FT-MIR-NIR Spectrometer with ATR Accessory)	5000	7
302	Plastic and Polymer	Identification	Chemical method	5000	5
303	Paint, Varnish, Lacquer & Adhesive products and formulation study	Identification	In-House (Chemical method/ FT-MIR-NIR Spectrometer with ATR Accessory)	3000	3
304	Plastic and Polymer	Identification	In-House (FT-MIR-NIR/FT-Raman Spectrometer)	3000	5
305	Rubber/Rubber Products	Identification	In-House (FT-Raman/FT-MIR-NIR Spectrometer with diamond ATR Accessory)	3000	5
306	Plastic and Polymer	Identification	Digital Melting point Apparatus	1500	2
307	Textile Fabrics	Identification of dyes	Chemical method	3000	5
308	Pharmaceuticals Products	Identification of test sample, potency/assay of test sample	HPLC	6000	10
309	Acetic Anhydride/Acetone /Petroleum ether/Dichloromethane/Ethanol/Alcohol/Ethyl acetate/Chloroform/Methanol/n-Butanol/Chloroform/n-Hexane/Textile Fabrics/Geo-Textile	Identification Test	FT-IR	3000	7
310	Uptan	Identification Test	In-House	20000	10
311	Tooth powder/Tooth Paste/Tooth Powder	Identification test of Calcium	In-House	1000	7
312	Tooth powder/Tooth Paste/Tooth Powder	Identification test of carbonate	In-House	1000	7
313	Electrode/ Thin film / Metal / Semimetal etc.	Impedance Analysis (40 Hz – 110 MHz)	Impedance Analyzer	4000	5 to 10
314	Paper and Paper board	Ink Absorbency	TAPPI	1500	7
315	Coconut Oil	Insoluble Impurities content	In-House	2000	10
316	Shampoo (Dhaka Lab)	Insoluble matter in water	In-House	3000	10
317	Semiconductor Electrode / Photo electrode/ Solar cell	Intensity modulated measurement IMPS	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	10000	7 to 15
318	Semiconductor Electrode / Photo electrode/ Solar cell	Intensity modulated measurement IMVS	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	10000	7 to 15
319	Battery-Dry cell	Internal Resistance/Ohmic test	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	2500	7 to 15



BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
320	Activated Carbon	Iodine Value	In-House	4000	7
321	Coconut Oil	Iodine value	In-House	3000	10
322	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	Iron	Atomic Absorption Spectrophotometer	2000	10
323	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Iron	Atomic Absorption Spectrophotometer	1500	10
324		Iron content	In-House	1500	10
325	Paper and Paper board	ISO Brightness	TAPPI	2000	7
326	Hand Sanitizer/Hand Wash/Hand Gel (Dhaka Lab)	Isopropyl alcohol	GC	8000	10
327	Solar Cell parameters with single wavelength	IV curve, Fill Factor, Open circuit voltage, Short circuit current, efficiency	1. Home-Built setup with SMU 2450 Source meter 2. Ossila Solar Cell I-V Test System	3000	7 to 15
328	Paper and Paper board	Kappa Number (Pulp)	TAPPI	4000	7
329	Plastic and Polymer	K-Value(PVC)	In-House (Microviscometer)	10000	15
330	Henna,Food,Drug & Cosmetic grade dyes & pigments	Lawson content	HPLC	10000	7
331	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	lead	Atomic Absorption Spectrophotometer	2000	10
332	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Lead	Atomic Absorption Spectrophotometer	2000	10
333		Leather, in ml	In-House	1500	10
334	Textile Fabrics	Light fastness	ASTM (Light Fastness Tester)	3000	5
335	Paper and Paper board	Lignin (Wood or Nonwood Plant or pulp material)	TAPPI	4000	7
336	Paper and Paper board	Lignin Content	TAPPI	2500	7
337	Jute/Jute Products	Lignin content as Klason Lignin	In-House (Chemical method)	3000	5
338	Paper and Paper board	Lint & Dust	TAPPI	1500	7
339	Battery-Dry cell	Load Test	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	2500	7 to 15
340	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	Magnansium	Atomic Absorption Spectrophotometer	2000	10
341	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Magnesium	Atomic Absorption Spectrophotometer	2000	10

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
342	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water/Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	Manganese	Atomic Absorption Spectrophotometer	2000	10
343	Geo Textile	Mas per Unit Area	In-House	1000	5
344		Matter in insoluble in alcohol %by mass	In-House	3000	10
345		Matter in soluble in alcohol %by mass	In-House	3000	10
346	Baby Toilet Soap	Matter insoluble in ethanol	In-House	3000	10
347		Matter insoluble in water	In-House	1500	7
348	Detergent Powder	Matter invsoluble in water % by mass	In-House	2000	10
349	Liquid detergent/Laundry Soap/Detergent Powder	Matter invsoluble in water % by mass	In-House	2500	10
350		Melting point	In-House	2000	7
351	Coconut Oil/Coconut Oil	Melting point	In-House	2500	10
352	Plastic and Polymer	Melting point	In-House	2000	5
353	Tooth Paste/Tooth Powder	Menthol Content	In-House	3000	10
354	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Mercury	Atomic Absorption Spectrophotometer	2500	10
355	Hand Sanitizer/Hand Wash/Hand Gel (Dhaka Lab)	Methanol / Methyl alcohol	GC	8000	10
356	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	methoxylchlor	GC	10000	10
357	Pesticides (Organophosphorus) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Methyl parathion	GC	10000	10
358	Mosquito Coil Ingredient (Any)	Metofluthrin	GC	10000	10
359	Crude salt	Mg ⁺⁺	In-House	2500	7
360	Voltage (Direct/Alternating)	micro volt-1000V	In-House	1000	10
361	Melamine Tableware	Microwave Resistance	In-House	3000	5
362	Paper and Paper board	Moisture	TAPPI	2000	7
363	Ball point pen ink/Paper gum/Chlorpropham/Coaning Oil/Printer toner/Prinring Ink/Creosote oil/Crude salt/Glyphosate/Sodium Alginate/Knitting Oil/Textile printing ink/Wood adhesive/Lubricating Oil	Moisture	In-House	500	4

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
364	Acetic Anhydride/Acetone /Dichloromethane/petroleum ether/Chloroform/Ethanol/Alcohol/Fertilizer/Methanol/n-Butanol/n-Hexane/Synthetic Adhesive/Ethyl acetate	Moisture	In-House	2500	7
365	Calcium Carbonate/Leather adhesive/Organic Fertilizer/Activated Carbon	Moisture	GC	1000	7
366	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Bore hole Soil	Moisture	Moisture Analyzer	800	10
367	Synthetic adhesive/Sodium Alginate	Moisture	In-House	1500	5
368	Textile printing ink	Moisture	In-House (Oven)	1500	3
369	Wood adhesive	Moisture	ASTM	1500	3
370	Paper and Paper board	Moisture (Wood or Nonwood Plant or pulp material)	TAPPI	2000	7
371	Baby Toilet Soap	Moisture and volatile matter	In-House	2500	10
372	Cosmetics-After shave gel/Cream (cosmetic)/Detergent Powder/Shampoo/Face Wash/Toilet Soap/Bathing Bar/Textile chemicals/Liquid detergent/Laundry Soap/Detergent Powder/Textile Fabrics/Geo-Textile/Liquid soap / Hand wash/Coconut Oil	Moisture content	In-House	1000	5
373	Textile Fabrics	Moisture content	ASTM/ISO (Potentiometric Titrator/ Karl-fisher Autotitrator)	3000	3
374	Textile Fabrics	Moisture content	ASTM (Moisture Analyzer)	1500	2
375	Textile Fabrics	Moisture content	ASTM (Oven)	1500	3
376	Pharmaceuticals Products/Herbs/Herbal Products/Organic compounds	Moisture content of sample/LOD Dretermination	Moisture analyser	1500	10
377	Polyaluminium Chloride (PAC)	Moisture Content, Ash Content , Dynamic Viscosity, Density, FT-IR Analysis (Package)	In-House	25000	20
378	Polyacryl Amide (PAM)	Moisture Content, Ash Content , Dynamic Viscosity, Density, FT-IR Analysis, Intransic viscosity (Package)	In-House	25000	20
379	Jute/Jute Products	Moisture regain	In-House (Potentiometric Titrator/ Karl-fisher Autotitrator)	3000	7
380	Jute/Jute Products	Moisture regain	In-House (Oven/Moisture Analyzer)	1500	3

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
381	Spot Remover Chemical (Textile)	Moisture, density, identification test, boiling point, solubility test (Package)	In-House	25000	20
382	Textile Auxiliaries/Emulsifying Agent/anti Emulsion Agent/Silicon Softener/Acrylic Polymer	Moisture, Density, Identification, Solubility, Ash, Solid content, Nitrogen test, Sulfur test, Foaming Tendency(package).	In-House	25000	20
383	Ethyl Vinyl Acetate (EVA) Copolymer	Moisture, Density, Identification, Solubility, Ash, Solid content, Test for Ethyl Vinyl Acetate, Nitrogen test, Sulfur test (Package).	In-House	25000	20
384	Vinyl Acetate & 2-Ethylhexyl Acrylate	Moisture, Density, Identification, Solubility, Ash, Solid content, Test for Vinyl Acetate & Ethylhexyl Acrylate, Nitrogen test, Sulfur test, Foaming Tendency (Package).	In-House	25000	20
385	Textile Printing Fabrics/Bolting Cloth/Polypolypropylene Bag/Tissue Bag/Unprinted Polyester Yarn/Fabric/Viscose/Rayon/Cotton/Sherpa Yarn/Fabric/Viscose/Rayon/Cotton Woven Fabric/ Non-woven Fabric/Polyester Yarn/Fabric Synthetic fiber and wig	Moisture, Microscopic Identification, Solubility, Ash, Tensile Strength, % Elongation, FTIR analysis(package).	In-House	25000	20
386	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water /Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	Molybdenum	Atomic Absorption Spectrophotometer	2000	10
387	Electrode/ Thin film / Metal / Semimetal etc.	Mott-schottky plot	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	5000	7 to 15
388	Crude salt	Na+	In-House	2500	7
389	Sodium Sulfate(Anhydrous/ dyeing salt)	Na ₂ SO ₄ (Percentage)	In-House	3500	15
390	Rubber/Rubber Products	Natural Rubber %	In-House (Chemical method/FT-Raman/FT-MIR-NIR with diamond ATR/ASE/GPC-FIPA-TDA)	15000	15

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
391	Rubber/Rubber Products	Neoprene %	In-House (Chemical method/FT-Raman/FT-MIR-NIR with ATR/ASE/GPC)	15000	15
392	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water /Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	Nickel	Atomic Absorption Spectrophotometer	2000	10
393	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil	Nitrate	Nitrogen Digestion and Distillation Apparatus/ Ion Chromatography System	2000	10
394	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water / Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil	Nitrate	Ion Chromatography System	2000	10
395	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Nitrite	Ion Chromatography System	2000	10
396	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Nitrogen	Nitrogen Digestion and Distillation Apparatus	2000	10
397	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil	Nitrogen	Nitrogen Digestion and Distillation Apparatus	2500	10
398	Air (Ambiant air and toxic gas) (To be done manually)	Nitrogen di Oxide (NO ₂)	In-House	2000	10
399	Plastic and Polymer	Nitrogen/Protein content	In-House	5000	7
400	Textile Fabrics	Non-chlorine bleach	AATCC	4500	7
401	Liquid detergent/Laundry Soap/Detergent Powder	Non-detergent organic matter % by mass	In-House	3000	10
402	Body Lotion/ Cream (cosmetic)/Shampoo/Shaving foam	Non-volatile Alcohol-soluble matter	In-House	3000	10
403	Baby Skin Creams/Baby Lotions	Non-volatile matter	In-House	3500	10
404	Snow	non-volatite matter	In-House	3000	10
405	Pesticides (Organophosphorus) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	o,o,o- triethylphosphorothiate	GC	10000	10
406	Textile printing ink	Odor	In-House	1000	3

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
407	Super glue	Odor, Solid content, Drying time, Moisture, Solubility, Ash Content, Nitrogen content, VOC(package).	In-House	25000	20
408	Activated Carbon	Odour	In-House	1000	7
409	After Shave Lotion/Perfume/Body Spray /Cosmetics-After shave gel/Cream (cosmetic)/Shampoo/Face Wash/Shaving foam/Shaving gel/Shoe polish/Fatty oil/Skin toner/Textile printing ink/Toilet Soap/Bathing Bar/Thiner/Natural gum/Tooth Paste/Tooth Powder/Uptan/Baby Toilet Soap/Baby Skin Creams/Baby Lotions	Odour	In-House	500	7
410	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Oil & Grease	Oil Content Analyzer	3000	10
411	Textile printing ink	Oil content	In-House	3000	3
412	Paper and Paper board	Opacity	TAPPI	2000	7
413	Soil/Sediment/River bed Sediment/Organic Fertilizer/Bore hole Soil	Organic Carbon	Potentiometric Titrator	2500	10
414	Soil/Sediment/River bed Sediment/Organic Fertilizer/Bore hole Soil	Organic matter	Potentiometric Titrator	2500	10
415	Jute/Jute Products	Organotin compounds	In-House (UPLC/TG-GC-MS/FT-Raman Spectrometer/ FT-MIR-NIR Spectrometer)	15000	15
416	Textile Fabrics	Organotin compounds	In-House (UPLC/ TG-GC-MS/FT-Raman Spectrometer)	6000	7
417	Pesticides (Organophosphorus) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Pamphur	GC	10000	10
418	Paper and Paper board	Paper color	TAPPI	1500	7
419	Paper and Paper board	Paper Color (Shade of the Printing paper)	TAPPI	1500	7
420	Paper and Paper board	Paper sample from Bangladesh Customs, Depends on requirement	TAPPI	20000 or more	10
421	Paper and Paper board	Paper Size	TAPPI	1500	7
422	Pesticides (Organophosphorus) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Parathion	GC	10000	10
423	Activated Carbon	Partical Size	In-House	1000	7
424	Plastic and Polymer	Particle size	Zeta sizer	5000	5

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
425	Soil/Sediment/River bed Sediment/Bore hole Soil	Particle size Analysis/ Textural class (Percent of sand, Silt & clay)	Hydrometer	2500	10
426	Bitumen & related products	Penetration index	In-House (Penetrometer)	2500	3
427	Bitumen & related products	Penetration index, Rheological study, Softening point, Dynamic Viscosity, Distillation Residue, Solubility, Specific Gravity, Density, Flash Point, Ductility, Water content (package).	In-House	50000	30
428	Paper and Paper board	Pentosan (Wood or Nonwood Plant or pulp material)	TAPPI	4000	7
429	Perfume/Body Spray/Essential oil	Percentage of perfume(active principle)/ Percentage of Essential Oil	In-House	6000	10
430	Baby Skin Creams/Baby LotionsOlive Oil/Hair oil/Coconut Oil/Hair gel/Snow	Peroxide value	In-House	3000	10
431	Cream (cosmetic)	Peroxide value, Thermal Stability	In-House	6000	10
432	Paper and Paper board	pH	TAPPI	1500	7
433	Pharmaceuticals Products	pH	pH meter	1500	10
434	Ball point pen ink/Paper gum/Pharmaceuticals Products/Caustic Soda/Cosmetics/Fatty oil/Skin toner/Different samples of Pharmaceuticals,Herbals,Organic,Compounds etc./Leather adhesive/Wood adhesive	pH	In-House	1000	70
435	Body Lotion/Chlorpropham/Coaning Oil/Glyphosate/Sodium Alginate/Sodium Chloride/Printing Ink/Sodium Sulfate(Anhydrous/ dyeing salt)	pH	In-House	1000	7
436	Any kind of Oil	pH	pH meter (Jenway)	1000	3 to 7
437	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Bore hole Soil	pH	pH Measuring Meter	1000	10
438	Wood adhesive	pH	ASTM	1000	2
439	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	pH	pH Measuring Meter	800	10
440	Synthetic adhesive/Sodium Alginate	pH	In-House	1500	5

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
441	Wood adhesive	pH	ASTM	1000	2
442	After Shave Lotion /Perfume/Body Spray/Body Lotion/After shave gel/Cream/Detergent Powder/Shampoo/Face Wash/Shaving foam/Shaving gel/Shoe polish/Snow/Hair gel/Soap/Toilet Soap/Bathing Bar/Liquid detergent/Laundry Soap/Detergent Powder/Liquid soap / Hand wash/Tooth Paste/Tooth Powder/Uptan/Olive Oil	PH (10% Solution/2% Solution)	In-House	1000	7
443	Textile printing ink	Phenolic resin	In-House	3500	3
444	Pesticides (Organophosphorus) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	phorat	GC	10000	10
445	Acid	Phosphate (PO4)	In-House	2000	10
446	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil	Phosphorous (as P/as PO4)	UV-Visible Spectrophotometer / Ion Chromatography System	2000	7
447	Semiconductor Electrode / Photo electrode/ Solar cell	Photo current / photo voltage	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	5000	7 to 15
448	Plastic and Polymer/Rubber/Rubber Products/Textile Fabrics	Phthalates	In-House (UPLC/TG-GC-MS/LC-MS-MS/FT-Raman Spectrometer/ FT-MIR-NIR Spectrometer)	15000	15
449	After Shave Lotion/Perfume/Body Spray /Caustic Soda/Cream (cosmetic)/Detergent Powder/Shampoo/Face Wash/Shaving foam/Shaving gel/Snow/Skin toner/Hair gel/Toilet Soap/Bathing Bar/Liquid detergent/Laundry Soap/Detergent Powder/Thiner/Liquid soap / Hand wash/super glue/Tooth Paste/Tooth Powder/Natural gum/Liquid soap / Hand wash/Uptan/Baby Toilet Soap/Baby Skin Creams/Baby Lotions	Physical Appearance	In-House	500	7
450	Jute/Jute Products	Physical appearance	In-House	1000	5
451	Sodium Bicarbonate	Physical appearance, Odor,Moisture, Ash,Ph,Solubility,Sodium Bicarbonate	In-House	6250	10
452	Phosphate Based Dry Chemical Powder (ABC Dry Powder)	Physical Appearance, Sieve Size, Bulk Density, Moisture Content, Mono Ammonium phosphate, Ammonium Sulfate,Mica/Talc, Others	In-House	8000	10

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
453	Essential oil	Physical appearance, solubility, density, ester value, optical rotation, refractive index,	In-House	20000	10
454	Sodium Carbonate (Soda Ash)	Physical appearance, odor, moisture, ash, ph, solubility, purity	In-House	7000	10
455	Cosmetic Oil	Physical appearance: Odor; Solubility; Density; Ester value; Optical rotation; Refractive Index; % of flavour, Acid value; Hydro distillation method, Saponification value	In-House	12000	10
456	Printed Plastic Film/PVC Stabilizer	Physical State, Ash Content, Moisture Content, Melting Point, Test for Nitrogen, FT-IR Analysis (Package).	In-House	25000	20
457	Ball point pen ink	Pigment	In-House	3000	7
458	Paint, Varnish, Lacquer & Adhesive products and formulation study	Pigment content	In-House (Chemical method/Simultaneous Thermal Analyzer (TG-DTA/DSC))	6000	7
459	Jute/Jute Products	Pilling resistance	In-House (Pilling Tester)	3000	5
460	Textile Fabrics	Pilling resistance	ASTM (Pilling Tester)	3000	2
461	Food grade quality plastic Packaging) (Plastic Bottle/Plastic Jar/Other	Plastic identification, Migration in Acetic Acid, Distilled water and Ethanol, Bisphenol-A, Acetaldehyde, Lead(Pb), Cadmium(Cd) , Mercury(Hg), Chromium(Cr) (Package).	In-House	30000	40
462	Jute/Jute Products	Polyaromatic hydrocarbons	In-House (UPLC/UPLC-MS-MS/FT-Raman Spectrometer)	15000	15
463	Jute/Jute Products	Polyaromatic hydrocarbons	In-House (TG-GC-MS/GC (FID+ECD) with Headspace Sampler)	15000	15
464	Textile Fabrics	Polyaromatic hydrocarbons	In-House (UPLC-MS-MS System)	15000	15
465	Plant extract	Polyphenolic Contents (Sixteen compounds)	HPLC-DAD method	8000	10
466	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil	Potassium (as K/as K ₂ O)	Flame Photometer	2000	10

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
467	Jute/Jute Products	Presence of PVC	In-House (FT-MIR-NIR Spectrometer with ATR & NIRA Accessories/Oven)	4000	10
468	Jute/Jute Products	Presence of PVC	In-House (FT-MIR-NIR Spectrometer/FT-Raman Spectrometer)	3000	10
469	Textile Fabrics	Presence of PVC	In-House (FT-MIR-NIR Spectrometer with diamond ATR & NIRA Accessories/FT-Raman Spectrometer)	3000	7
470	Caustic Soda	Presence of Sodium	In-House	2000	7
471		presence of sulfate	In-House	1000	7
472	Paper and Paper board	Pulp	TAPPI	1500	7
473		Purity	In-House	5000	7
474		Purity Test	In-House	3500	10
475	Acetone/Ethanol/Iso Propyl Alcohol/Methanol/Toluene/Hexanone/ Petroleum Ether/Chloroform	Purity/Assay	Gas Chromatograph (GC)	8000	10
476	Calcium Carbonate	Purity/Assay of Calcium carbonate	In-House	5000	7
477	Sodium Alginate	Quantitative estimation of Sodium chloride & Sodium sulfate	In-House	6000	7
478	Paper and Paper board	Rag Percentage	TAPPI	2000	7
479	Paper and Paper board/ Paper and Paper board(CBS-1 Paper)	Reflectance	TAPPI	2000	7
480	Olive Oil	Refractive Index	In-House	5000	10
481	Paint, Varnish, Lacquer & Adhesive products and formulation study	Residual monomers	In-House (UPLC/FT-Raman/STA/GPC-FIPA-TDA)	15000	15
482	Resinous products (Natural & synthetic resins and their formulation study)	Residual monomers	In-House (GC (FID+ECD)/UPLC/FT-Raman Spectrometer Simultaneous Thermal Analyzer /GPC-FIPA-TDA)	15000	15
483	After Shave Lotion/Cosmetics-After shave gel /Cream (cosmetic)/Shaving foam/Shaving gel/Hair gel/Toilet Soap/Bathing Bar/Liquid soap / Hand wash/Face Wash/Shampoo	Residue Content	In-House	3500	10
484	Body Lotion	Residue content	In-House	2000	10
485	Coal	Resistivity	Keithley SMU 2450 source meter	3000	5 to 10
486	Bitumen & related products	Rheological study	In-House (Rotational Rheometer)	10000	5

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
487	Paint, Varnish, Lacquer & Adhesive products and formulation study/Rubber/Rubber Products	Rheological study	In-House (Rotational Rheometer)	5000	7
488	Toilet Soap/Bathing Bar	Rosin Acids %by mass	In-House	3000	10
489	Textile Fabrics	Rubbing	ASTM, ISO (Rubbing Fastness Tester)	3000	5
490	Olive Oil	Saponification Value	In-House	4000	10
491	Fatty oil/Coconut Oil	Saponification value	In-House	3000	7
492	Textile Fabrics	Sea water	ASTM	5000	5
493	Jute/Jute Products	Seam bursting strength	In-House (Bursting Strength Tester)	3000	3
494	Textile Fabrics	Seam bursting strength	ASTM (Bursting Strength Tester)	3000	5
495	Jute/Jute Products	Seam properties	In-House (Universal Testing Machine)	3000	3
496	Textile Fabrics	Seam properties	ASTM/ISO (Universal Testing Machine)	3000	5
497	Paper and Paper board	Security Fiber	TAPPI	1500	7
498	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil/Heavy Metal and Metals in all types of samples (except pure metal)	Selenium	Atomic Absorption Spectrophotometer	2500	10
499	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Selenium	Atomic Absorption Spectrophotometer	2000	10
500	Thin film/Foil	Sheet Resistance (1 $\mu\Omega$ - 1 G Ω)	Four point collinear probe	2000	45056
501	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil	Silica	Atomic Absorption Spectrophotometer	2500	10
502	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil	Silicon	Atomic Absorption Spectrophotometer	2500	10
503	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Silicon/Silica	Atomic Absorption Spectrophotometer	2000	10
504	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water /Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/ Bore hole Soil/ Heavy Metal and Metals in all types of samples (except pure metal)	Silver	Atomic Absorption Spectrophotometer	2000	10
505	Paper and Paper board	Sizing	TAPPI	1500	7

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
506	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water/Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/Plant/vegetables/Bore hole Soil/Heavy Metal and Metals in all types of s	Sodium	Flame Photometer	2000	10
507	Mosquito Coil Ingredient (Any)	Sodium benzoate	HPLC	6000	10
508	Bitumen & related products	Softening point	In-House (Softening point tester)	2000	3
509	Paint, Varnish, Lacquer & Adhesive products and formulation study	Solid content	In-House (Chemical method)	3000	7
510	Rubber Latex	Solid Content	In-House	2000	5
511	Wood adhesive	Solid Content	In-House	2000	3
512	Synthetic adhesive	Solid Content	In-House	1500	5
513	After Shave Lotion/Ball point pen ink/Cosmetics-After shave gel/Cream (cosmetic)/Detergent Powde/Shampoo/Face Wash/Face Wash/Fatty oil/Shaving foam/Shaving gel/Snow/Leather adhesive/Toilet Soap/Bathing Bar/Tooth Paste/Tooth Powder/Liquid detergent/Laundry Soap/Detergent Powder/Textile printing ink/Liquid soap / Hand wash/Tooth powder/Uptan/Baby Skin Creams/Baby Lotions	Solubility	In-House	800	7
514	D-trans-allithrin/Shoe polish/Hair gel/Sodium Alginate/ Napthalic Acid	Solubility	In-House	500	7
515	Baby Toilet Soap	Solubility	In-House	1000	10
516	Synthetic adhesive	Solubility	In-House	5000	10
517	Bitumen & related products	Solubility	In-House	4000	5
518	Textile printing ink/Wood adhesive	Solubility	In-House	3000	3
519	Sodium Alginate	Solubility	In-House	1000	5
520		Solubility in water	In-House	1000	7
521	Pigment/Azo Dye	Solubility, Ash content, Moisture, Identification, FTIR spectrum, Nitrogen content, Sulfur Content, Active Ingradient (Package).	In-House	25000	20
522	Chlorinated Paraffin Wax	Solubility, Density, pH, Ash content, Moisture, Active matter, Hydrocarbon content, FTIR spectrum, Nitrogen content, Chlorine content (Package).	In-House	25000	20

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
523	Cotton Powder	Solubility, Moisture Content, Solid Content, Cellulose Content, Polymer Content, FT-IR Analysis (Package)	In-House	25000	20
524	Polymer Laminated Paper/ Glassin Paper	Solubility, Moisture Content, Solid Content, Cellulose Content, Polymer Content, FT-IR Analysis, Tensile Strength, % Elongation (Package)	In-House	25000	20
525	Printer Tonner (Polymer Based)	Solubility, Moisture Content, Solid Content, Pigment Content, Polymer Content, FT-IR Analysis, Perticle Size (Package)	In-House	24000	20
526	Laminated Board/Fibre Board	Solubility, Moisture Content, Solid Content, Polymer Content, FT-IR Analysis, Tensile Strength, % Elongation (Package)	In-House	25000	20
527	Ink (Polymer Based)	Solubility, Moisture Content, Solid Content, Solvent Content, Pigment Content, Polymer Content, FT-IR Analysis (Package)	In-House	25000	20
528	Hair conditioner	Solubility, Odor, pH (10% solution), Residue content, Volatile matter content, Non-volatile alcohol soluble matter, alcohol insoluble matter	In-House	1300	10
529	After Shave Liquid	Solubility,pH (10% Solution), Volatile Matter, Non-Volatile Alcohol Soluble Matter, Density	In-House	10000	10
530	Rubber/Rubber Products	Solution viscosity	In-House (Microviscometer)	10000	10
531	Synthetic adhesive	Solvent Content	In-House	6000	5

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
532	Paint, Varnish, Lacquer & Adhesive products and formulation study/Rubber/Rubber Products	Solvents Analyses	In-House (UPLC/TG-GC-MS/ GC (FID+ECD) with Headspace Sampler /FT-MIR-NIR Spectrometer /FT-Raman Spectrometer)	15000	15
533	Coconut Oil	Specific gravity	In-House	2500	10
534	Bitumen & related products	Specific Gravity	In-House	3000	3
535	Paper and Paper board/Paper and Paper board(CBS-1 Paper)	Spot & Fiber contamination	TAPPI	1500	7
536		Spreading agent	In-House	2000	7
537	Paper and Paper board	Stiffness	TAPPI	2000	7
538	Paper and Paper board	stretch to Break	TAPPI	1500	7
539	Paper and Paper board	Substance (GSM)	TAPPI	1500	7
540	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Sulfate (as SO ₄)	Ion Chromatography System	2000	10
541	Pesticides (Organophosphorus) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Sulfotep	GC	10000	10
542	Soil/Sediment/River bed Sediment/Fertilizer/Organic Fertilizer/ Bore hole Soil/Plant/Vegetables	Sulfur	UV-Visible Spectrophotometer	2000	10
543	Rubber/Rubber Products	Sulfur %	Chemical method	3000	7
544	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Sulfur (as S)	UV-Visible Spectrophotometer	2000	10
545		Sulphate content	In-House	1500	10
546		Sulphates	In-House	2000	7
547	Solid/Powder/Liquid/Thin film	Surface morphology (Optical Image)	Digital Optical Image 1000X	1000	3 to 7
548	Solvents/ liquids/ semi solid	Surface tension	Tensiometer	3000	5 to 10
549	Solvents/ liquids/ semi solid	Surface tension (Single measurement)	Contact Angle Goniometer	5000	7 to 15
550	Solvents / liquids/ semi solid	Surface tension (Multiple measurements)	Contact Angle Goniometer	10000	7 to 15
551	Electrode/ Thin film / Metal / Semimetal etc.	Taufel plot	Photo-Electrochemical Workstation (Potentiostat/Galvanostat)	5000	7 to 15
552	Paper and Paper board/Paper and Paper board(CBS-1 Paper)	Tear Factor	TAPPI	1500	7
553	Paper and Paper board/Paper and Paper board(CBS-1 Paper)	Tear Index	TAPPI	1500	7

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
554	Paper and Paper board/Paper and Paper board(CBS-1 Paper)	Tear Resistance	TAPPI	1500	7
555	Paper and Paper board/Paper and Paper board(CBS-1 Paper)	Tear Strength	TAPPI	1500	7
556	Film/Foil/Wafer	Temperature dependent DC resistivity	Home-Built setup with SMU 2450 Source meter	3000	7 to 15
557	Paper and Paper board	Tensile Index	TAPPI	1500	7
558	Paper and Paper board	Tensile strength	TAPPI	1500	7
559	Plastic and Polymer/Rubber/Rubber Products	Tensile strength	In-House (Universal Testing Machine)	3000	7
560	Textile Fabrics	Tensile strength	ASTM/ISO (Universal Testing Machine)	3000	5
561	Geo Textile	Tensile strength & % Elongation	In-House	3000	5
562	Paint, Varnish, Lacquer & Adhesive products and formulation study/Plastic and Polymer/Rubber/Rubber Products	Thermal properties	In-House (Oven/ Simultaneous Thermal Analyzer (TG-DTA/DSC))	6000	7
563	Snow/Body Lotion	Thermal stability	In-House	2000	10
564	Baby Skin Creams/Baby Lotions/Hair gel/After Shave Lotion	Thermal stability	In-House	3000	10
565	Paper and Paper board	Thermal Test	TAPPI	1500	7
566	Paper and Paper board/Aluminium Foil Paper/Paper and Paper board(CBS-1 Paper)	Thickness	TAPPI	1500	7
567	Geo Textile	Thickness	In-House	1500	5
568	Laminated board	Thickness	In-House	1500	3
569	Plastic and Polymer	Thickness	In-House (thickness gauge)	1500	2
570	Biaxially oriented polypropylene (BOPP) film	Thickness, Brusting Strength, Tensile strength & % Elongation, Chemical Analysis of Film, FTIR Analysis (Package).	In-House	25000	20
571	Hard Board/Fibre Board/Laminated Board	Thickness, Tensile strength, Water absorption, % Elongation, Physical State, Ash Content, Moisture Content, FT-IR Analysis(Package).	In-House	25000	20
572	Pesticides (Organophosphorus) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	Thionazin	GC	10000	10
573	Paper and Paper board	Titanium Presence	TAPPI	2000	7

BCSIR Laboratories, Dhaka

SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
574	Liquid detergent/Laundry Soap/Detergent Powder	Titre of total fatty acids	In-House	3500	10
575	Coconut Oil	Titre value	In-House	4000	10
576	Crude salt	TOC	In-House	3000	7
577	Hand Sanitizer/Hand Wash/Hand Gel (Dhaka Lab)	Toluene	GC	8000	10
578	Pharmaceuticals Products/Cosmetics/Herbs/Herbal Products/Organic compounds	Total colony forming unit	Biosafety cabinet, Incubator	4000	10
579	Baby Skin Creams/Baby Lotions	Total fatty substance	In-House	3000	10
580	Baby Toilet Soap	Total free alkali, calculated as Na ₂ O	In-House	3000	10
581	Coal	Total Moisture	Moisture analyzer	2000	3 to 7
582	Liquid detergent/Laundry Soap/Detergent Powder	Total Phosphate	In-House	3000	10
583	Liquid detergent/Laundry Soap/Detergent Powder	Total phosphates content	In-House	2500	10
584	Body Lotion	Total residue	In-House	1500	7
585	Baby Skin Creams/Baby Lotions	Total residue	In-House	3000	10
586	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Total Solids	Electronic balance (0.0000 g)	2000	10
587	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Total Suspended Solid (TSS)	Electronic balance (0.0000 g)	1500	10
588	Body Lotion/Snow/Liquid detergent/Laundry Soap/Detergent Powder/After Shave Lotion/Cream/Liquid soap / Hand wash/Toilet Soap/Bathing Bar/Baby Toilet Soap	Total-fatty matter	In-House	3000	10
589	Waste water/Effluent water/Ground water/Industrial water/Surface water/River water/Lake water/Sea water/Bore hole water	Turbidity	Turbidity Measuring Meter	1500	10
590	Film/Foil/Wafer	Type of conduction (p-type or n-type); Thermoelectric voltage	Home-built Hot Point Probe	1500	5 to 10
591	Dyes & Pigments	Type of Dyes	In-House (Chemical method/UV-Vis Spectrophotometer / FT-Raman Spectrometer/FT-MIR-NIR)	10000	10
592	Toilet Soap/Bathing Bar/Jute/Jute Products (Govt.)/Olive Oil/Coconut Oil	Unsaponifiable matters	In-House	6000	10
593	Jute/Jute Products	Unsaponifiable matters (ppm)	In-House	15000	15
594	UV (A, B, C) testing of any light source (LED, CFL lamp, tube light, thermal light bulb etc)	UVC-% / EUVC ($\mu\text{W}/\text{cm}^2$) UVB-% / EUVB ($\mu\text{W}/\text{cm}^2$) UVA-% / EUVA ($\mu\text{W}/\text{cm}^2$)	Irradiance meter	5000	44992



BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
595	Germicidal lamp/ Sterilization lamp	UVC-% / EUVC ($\mu\text{w}/\text{cm}^2$) UVB-% / EUVB ($\mu\text{w}/\text{cm}^2$) UVA-% / EUVA ($\mu\text{w}/\text{cm}^2$) Diagnostic etc Peak wave length FWHM etc	Irradiance meter	10000	5 to 10
596	Paper and Paper board/Paper and Paper board(CBS-1 Paper)	UV-Dull	TAPPI	1500	7
597	Solid/Powder/Liquid/Thin film	UV-VIS-NIR (%T, %R and Absorbance)	Shimadzu 2600 UV-VIS-NIR Spectrophotometer	3000	5 to 10
598	Solid/Powder/Liquid/Thin film	UV-VIS-NIR (Diffuse, Specular, Total Reflectance)	Shimadzu 2600 UV-VIS-NIR Spectrophotometer	3000	5 to 10
599	LED, Diode, Photodiode and Transistor	Various parameters	Home-Built setup with SMU 2450 Source meter	3000	7 to 15
600	Acetic Anhydride/Acetone /Petroleum ether/Chloroform/Dichloromethane/Ethanol/Alcohol/Ethyl acetate/Glyphosate/Knitting Oil/Methanol/n-Butanol/n-Hexane/Cream	Viscosity	In-House	2000	7
601	Ball point pen ink/Pharmaceutical Raw Materials/plastic resins/Petrochemical products/Solvents	Viscosity	In-House	4000	7
602	Rubber Latex	Viscosity	In-House	5000	7
603	Synthetic adhesive	Viscosity	In-House	5000	5
604	Wood adhesive	Viscosity	ASTM	5000	5
605	Binder	Viscosity, Specific gravity, pH, Ionic character, Ash content, Moisture, Active matter, Hydrocarbon content, FTIR spectrum (package).	In-House	25000	20
606	Washing Chemical/cleaning agent	Viscosity, specific gravity, ionic character, active matter, hydrocarbon content, FTIR Spectrum	In-House	12000	10
607	Bitumen & related products	Viscosity/Rotational Rheology	In-House	5000	10
608	Prepared Driers	Visual Appearance, Solid Content, Moisture Content, Viscosity, Drying time, Ash Content, FTIR Analysis (package).	In-House	25000	20

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
609	Anti Corrothion Varnish	Visual Appreance, Solid Content, Moisture Content, Viscosity, The amount of Acid, Drying time at140°C, Hardness of paint film, Freeze Resistance at -50°C(package).	In-House	25000	20
610	After Shave Lotion/Perfume/Body Spray/Perfume/Body Spray/Shaving foam/Hair gel/Skin toner/Tooth Paste/Tooth Powder/Coconut Oil	Volatile Matter Content	In-House	2000	10
611	Uptan/Shaving gel	volatile matter content	In-House	1500	10
612	Alkyd resin	Volatile Matter Content, Ash Content , Alkyd Resin Test, FT-IR Analysis, Nitrogen test, Sulfur test (Package).	In-House	25000	20
613	Natural Gum	Volatile Matter Content, Ash Content , Dynamic Viscosity, Density, FT-IR Analysis, Nitrogen test, Sulfur test (Package)	In-House	25000	20
614	Polyether Polyol	Volatile Matter Content, Ash Content , Dynamic Viscosity, Density, FT-IR Analysis, Nitrogen test, Sulfur test (Package)	In-House	25000	20
615	Epoxy Resin	Volatile Matter Content, Ash Content , Epoxy Resin Test, FT-IR Analysis, Nitrogen test, Sulfur test (Package)	In-House	25000	20
616	Ion Exchanger	Volatile Matter Content, Ash Content , FT-IR Analysis, Nitrogen test, Sulfur test (Package)	In-House	25000	20
617	Multipurpose Putty	Volatile Matter Content, Ash Content , FT-IR Analysis, Nitrogen test, Sulfur test, Solubility (Package).	In-House	25000	20

BCSIR Laboratories, Dhaka					
SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
618	Polyurethane Resin	Volatile Matter Content, Ash Content , PU Resin Test, FT-IR Analysis, Nitrogen test, Sulfur test (Package).	In-House	25000	20
619	Urea Formaldehyde Resin/Phenol Formaldehyde Resin/Modified Phenolic Resin/Urea Liquid Resin	Volatile Matter Content, Ash Content , Urea Formaldehyde Resin Test, FT-IR Analysis, Nitrogen test, Sulfur test (Package).	In-House	25000	20
620	Reactive Polyamine Resin	Volatile Matter Content, Ash Content ,Test for Polyamine Resin, FT-IR Analysis, Nitrogen test, Sulfur test (Package).	In-House	25000	20
621	Paint, Varnish, Lacquer & Adhesive products and formulation study	Volatile Organic Compounds	In-House (TG-GC-MS/ GC (FID+ECD) with Headspace Sampler)	15000	15
622	Paint, Varnish, Lacquer & Adhesive products and formulation study	Volatile Organic Compounds	In-House (Oven)	5000	7
623	Rubber/Rubber Products	Volatile Organic Matter (VOM)	ASTM(Oven/ Simultaneous Thermal Analyzer (TG-DTA/DSC))	6000	7
624	Textile Fabrics	Wash fastness	ISO (Wash Fastness Machine)	3000	5
625	Paper and Paper board	Water absorbancy	TAPPI	1500	7
626	Laminated board	Water absorption	In-House	3000	3
627	Thin film/ pellet/ any surface etc.	Water Contact Angle (WCA) in deg. Multiple measurements with time at three different position of the sample	Contact Angle Goniometer	15000	7 to 15
628	Thin film/ pellet/ any surface etc.	Water Contact Angle (WCA) in deg. Single measurement at three different position of the sample	Contact Angle Goniometer	5000	5 to 10
629	Thin film/ pellet/ any surface etc.	Water Contact Angle (WCA) in deg. Single measurement at Single position of the sample	Contact Angle Goniometer	3000	3 to 7
630		Water content	In-House	2500	7
631	Baby Skin Creams/Baby Lotions	Water content	In-House	1500	10

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SL/No	Name of Sample	Test Parameter	Instruments Name	Fee (Without VAT)	Working Days
632		Water insoluble matter	In-House	1000	7
633	Paper and Paper board	Water Mark	TAPPI	1000	7
634	Different samples of Pharmaceuticals,Herbals,Organic,Compounds etc.	Weight per ml	GC	1000	10
635	Paper and Paper board	Wet strength	TAPPI	1500	7
636	Paper and Paper board	White Web Titanium Loaded	TAPPI	2000	7
637	Hand Sanitizer/Hand Wash/Hand Gel (Dhaka Lab)	Xylene	GC	8000	10
638	Rubber/Rubber Products	% Ash	In-House	2000	5
639	Plastic and Polymer	% Elongation	Universal Testing Machine In-House	3000	3
640	Tooth Paste/Tooth Powder	% of Essential Oil/Flavour	In-House	7000	10
641	Soap(Laundry)/Detergent Powder/Liquid soap / Hand wash/Liquid detergent/Laundry Soap/Detergent Powder	% of Free Caustic Alkali	In-House	3000	10
642	Toilet Soap/Bathing Bar	% of matter insoluble in alcohol	In-House	3000	10
643	Toilet Soap/Bathing Bar/Soap(Laundry)	% of Matter insoluble in water	In-House	3000	10
644	Shaving foam(As per BCSIR)	% of perfume	In-House	5000	10
645	Liquid detergent/Laundry Soap/Detergent Powder/Liquid soap / Hand wash	% of total free alkali	In-House	3000	10
646	Liquid detergent/Laundry Soap/Detergent Powder	% of unsaponified fatty matter	In-House	6000	10
647	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	4,4'-DDD/p,p/p,o-DDP	GC	10000	10
648	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	4,4'-DDD/p,p/p,o-DDP/4,4'DDE/p,p/p,o-DDE/4,4'-DDT/pp/po-DDT"	GC	10000	10
649	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	4,4'DDE/p,p/p,o-DDE	GC	10000	10
650	Pesticides (Organochlorine) for Soil/Plant/Chemicals/Industrial Raw Materials (Any/Whole)	4,4-DDT/pp/po-DDT"	GC	10000	10