



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

PTP Name :	GREEN ECONOMY INITIATIVES PRIVATE LIMITED, 215, SILVER CITY (MAIN) ZIRAKPUR, MOHALI, S.A.S NAGAR, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17043: 2023	Page No	1 of 116
Certificate Number	PC-1005	Last Amended on	10/04/2026
Validity	29/04/2025 to 28/04/2029		

S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
1	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process- Indoor and Work Environment	Work Environment- PM, PM10, Globe Temperature, SO2, NO2, O3, CO, Temperature, Humidity, Noise Levels
2	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Ambient Air- Particulate Matter	SPM (TSPM), PM10, PM2.5, Metals in Particulate Matter and Benzo a pyrene in Particulate Phase
3	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Ambient Air-Gases	Gases- SO2, NO2, O3, NH3, CO, Benzene
4	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process- Indoor and Work Environment	Indoor Air Quality- PM10, PM2.5, Particle count, CO, CO2, SO2, NO2, O3, Lux, Noise Levels, Temperature, Humidity, TVOC, Formaldehyde
5	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Meteorological Parameters	Meteorological parameters- Wind Speed, Wind Direction, Temperature, Humidity, Rainfall, Solar Radiation, Barometric Pressure
6	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Noise	Ambient Noise
7	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Noise	Source Noise
8	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process- Process/Vent and Fugitive Emissions	PM, Metals in Particulate Matter or Fumes, CO, VOC
9	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Stack Emissions- Gases	SO2, NO2, CO2, O2
10	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Stack Emissions-Particulates	Particulate Matter (PM / SPM)
11	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process- Food and Agricultural Products	Fruit and Vegetables (Grapes, Pomegranate, Okhra, Green chilli and Peanut)



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12	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Acid Insoluble Ash
13	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Alcohol Soluble Extractive
14	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Arsenic (as As)



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15	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Cadmium (as Cd)
16	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Foreign matter/Extraneous Matter
17	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Lead (as Pb)



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18	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Mercury (as Hg)
19	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Moisture Content/ Loss on Drying (LOD)
20	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	pH



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21	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Total Ash
22	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Volatile oil
23	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Water soluble extractive



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24	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Physical and Physiochemical /Chemical Methods	Determination of Water (water content/moisture)
25	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Physical and Physiochemical Methods	Acid Base Titration (Acidity/ Alkalinity)
26	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Physical and Physiochemical Methods	Loss on Drying
27	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Physical and Physiochemical Methods	Loss on Ignition



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28	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Physical and Physiochemical Methods	Optical Rotation/ Specific Optical Rotation (Polarimetry)
29	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Physical and Physiochemical Methods	pH
30	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Physical and Physiochemical Methods	Refractive Index
31	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Physical and Physiochemical Methods	Weight per millilitre /Specific Gravity (Density)
32	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Combined Ferric Oxide and Alumina



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33	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Moisture
34	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Silicon Dioxide plus Aluminium Oxide plus Iron Oxide
35	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Acid Insoluble Ash
36	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Ca
37	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Crude Fibre
38	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Crude Protein
39	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Cu



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40	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Energy
41	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Ether extract (Crude Fat or Total Fat)
42	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Fe
43	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Magnesium
44	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Mn



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45	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Moisture
46	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Phosphorus (Total/ Available)
47	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Potassium
48	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Salt (as NaCl)
49	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Selenium



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50	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Sodium
51	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds- Poultry, Pet, Cattle Feed; Rape seed, Cotton seed, Groundnut oil cake; Fish, Shrimp, Prawn feed; Animal Nutrition (Feed supplements and additives)	Zn
52	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds-Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ groundnut meal/ Fish, Shrimps and Prawn Feed; Animal Nutrition (Feed supplements, additives)	Total Ash
53	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution- Stack	Cd
54	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution- Stack	Cr
55	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution- Stack	Cu
56	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution- Stack	Ni
57	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution- Stack	NO ₂ (Oxides of Nitrogen)
58	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution- Stack	Pb
59	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution- Stack	PM



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60	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution- Stack	SO ₂
61	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	As
62	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	Benzene
63	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	Benzo-a-pyrene Particulate Phase Only
64	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	Carbon Disulphide
65	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	Chlorine
66	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	Hydrogen Sulphide
67	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	NH ₃ (Ammonia)
68	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	Ni
69	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	NO ₂ (Oxides of Nitrogen)
70	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	O ₃
71	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	Pb
72	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	PM ₁₀ (RSPM)
73	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	PM _{2.5}
74	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	SO ₂



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75	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	SPM (TSPM)
76	TESTING-CHEMICAL	Simultaneous Scheme/ Atmospheric Pollution-Ambient Air	Total fluoride
77	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Foreign Matter
78	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Nickel (as Ni)
79	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products: Finished products (Ayurvedic /Herbal formulations/ Drugs- Tablets, Capsules, Syrups, Vati, Tail, Ghrta, Gutika, Goli, Churna, Powders, Oils, Bhasma, Kadha, Creams); Raw material (herbs, roots, rhizome, leaves, flowers, buds, petals, fruits, seed, stem)	Sulphated Ash



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81	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Admixture, Water proofing Compounds, Curing Compounds	Ash content
82	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Admixture, Water proofing Compounds, Curing Compounds	Chloride ion content
83	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Admixture, Water proofing Compounds, Curing Compounds	Dry Material content
84	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Admixture, Water proofing Compounds, Curing Compounds	pH
85	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Admixture, Water proofing Compounds, Curing Compounds	Relative Density
86	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Alkali Content (Potassium Oxide K ₂ O)
87	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Alkali Content (Sodium Oxide Na ₂ O)
88	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Alkali Content calculated as (Na ₂ O+0.658K ₂ O)
89	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Aluminum Oxide (Alumina) (Al ₂ O ₃)



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90	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Calcium Oxide
91	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Chloride
92	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Combined Ferric Oxide and Alumina
93	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Insoluble Residue
94	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Iron Oxide (Fe ₂ O ₃)
95	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Loss on Ignition
96	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Magnesium Oxide (Magnesia) MgO
97	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Silica (as SiO ₂)
98	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Total sulphur content Calculated as Sulphuric Anhydride (as SO ₃)
99	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash (Pulverized Fuel Ash)	Aluminium Oxide (Alumina) Al ₂ O ₃
100	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly Ash (Pulverized Fuel Ash)	Available Alkalis as equivalent Na ₂ O
101	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash (Pulverized Fuel Ash)	Iron Oxide (Ferric Oxide) Fe ₂ O ₃
102	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash (Pulverized Fuel Ash)	Loss on Ignition
103	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash (Pulverized Fuel Ash)	Magnesium oxide (MgO)
104	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash (Pulverized Fuel Ash)	Silica (SiO ₂)



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105	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash (Pulverized Fuel Ash)	Total chloride
106	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash (Pulverized Fuel Ash)	Total Sulphur as Sulphur trioxide (as SO ₃)/Sulphuric anhydride
107	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Hair Oil	Acid Value
108	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Hair Oil	Iodine Value
109	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Hair Oil	Moisture
110	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Hair Oil	Peroxide Value
111	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Hair Oil	Refractive Index
112	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Hair Oil	Saponification Value
113	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Hair Oil	Sediment and Suspended matter
114	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Hair Oil	Weight per millilitre
115	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Henna Powder, Organic Herbal Hair Color	Absence of Extraneous or Synthetic dyes
116	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Henna Powder, Organic Herbal Hair Color	Acid Insoluble Ash
117	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Henna Powder, Organic Herbal Hair Color	Cold Water Extract



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118	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Henna Powder, Organic Herbal Hair Color	Crude Fibre
119	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Henna Powder, Organic Herbal Hair Color	Extraneous Matter
120	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Henna Powder, Organic Herbal Hair Color	Mineral Matter
121	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Henna Powder, Organic Herbal Hair Color	Moisture
122	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Henna Powder, Organic Herbal Hair Color	pH
123	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Skin Cream	Arsenic (as As)
124	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Skin Cream	As (as As ₂ O ₃)
125	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Skin Cream	Heavy Metals (as Pb)
126	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Skin Cream	Lead (as Pb)
127	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Skin Cream	pH
128	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Skin Cream	Thermal Stability
129	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Skin Cream	Total fatty substance content
130	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Toilet Soap	Chloride (as NaCl)



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
131	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Toilet Soap	Free carbonated alkali
132	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Toilet Soap	Free Caustic alkali as sodium hydroxide
133	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Toilet Soap	Matter insoluble in alcohol
134	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Toilet Soap	Rosin acid percent by mass of total fatty matter
135	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Toilet Soap	Total fatty matter
136	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Tooth Paste/ Tooth Powder	Arsenic (as As)
137	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Tooth Paste/ Tooth Powder	As (as As ₂ O ₃)
138	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Tooth Paste/ Tooth Powder	Fineness- Particles retained on 150 micron or 75 micron IS sieve
139	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Tooth Paste/ Tooth Powder	Foaming Power
140	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Tooth Paste/ Tooth Powder	Heavy Metals (as Pb)
141	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Tooth Paste/ Tooth Powder	Lead (as Pb)
142	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils- Tooth Paste/ Tooth Powder	pH



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
143	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils-Essential oils, Natural and Synthetic Fragrance or Perfumery Material	Acid Value
144	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils-Essential oils, Natural and Synthetic Fragrance or Perfumery Material	Free Fatty Acid
145	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils-Essential oils, Natural and Synthetic Fragrance or Perfumery Material	Peroxide Value
146	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils-Essential oils, Natural and Synthetic Fragrance or Perfumery Material	Refractive Index
147	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils-Essential oils, Natural and Synthetic Fragrance or Perfumery Material	Relative Density
148	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils-Essential oils, Natural and Synthetic Fragrance or Perfumery Material	Residue on evaporation
149	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetics & Essential Oils-Essential oils, Natural and Synthetic Fragrance or Perfumery Material	Water Content
150	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals- Hand Sanitizer	Assay
151	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals- Hand Sanitizer	Assay Chlorhexidine Gluconate



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152	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals- Hand Sanitizer	Assay Ethanol IP
153	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals- Hand Sanitizer	pH
154	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals- Hand Sanitizer	Specific Gravity
155	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Acid Value
156	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Assay by Flame Photometry
157	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Assay by GC



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
158	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Assay by HPLC
159	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Assay by Titration
160	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Assay by UV
161	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Identification by FTIR



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
162	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Impurity/ Related Substance by HPLC
163	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Iodine Value
164	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Limit Test Arsenic
165	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Limit Test Chlorides



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
166	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Limit Test Heavy Metals
167	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Limit Test Iron
168	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Limit Test Lead
169	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Limit Test Sulphates



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
170	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Peroxide Value
171	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Saponification Value
172	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Sulphated Ash
173	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Chemical Methods	Total Ash



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
174	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Pharmaceutical Methods	Disintegration
175	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Pharmaceutical Methods	Dissolution
176	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Pharmaceutical Methods	Particulate Contamination
177	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Finished Products (Tablets, Capsules, Orals, Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance), Raw Material- Pharmaceutical Methods	Uniformity of content



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
178	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance- Pharmaceutical Methods	Uniformity of Weight
179	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients/ Macronutrients/ Fortified Fertilizers	Arsenic (as As)
180	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients/ Macronutrients/ Fortified Fertilizers	Boron (as B)
181	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients/ Macronutrients/ Fortified Fertilizers	Cadmium (as Cd)
182	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients/ Macronutrients/ Fortified Fertilizers	Copper (as Cu)
183	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients/ Macronutrients/ Fortified Fertilizers	Iron (as Fe)
184	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients/ Macronutrients/ Fortified Fertilizers	Lead (as Pb)
185	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients/ Macronutrients/ Fortified Fertilizers	Magnesium (as Mg)
186	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients/ Macronutrients/ Fortified Fertilizers	Matter insoluble in water



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
187	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients/ Macronutrients/ Fortified Fertilizers	pH
188	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients/ Macronutrients/Fortified Fertilizers	Sulphate Sulphur (as S)
189	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex/ Liquid/ Water soluble	Free Phosphoric Acid as P2O5
190	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex/ Liquid/ Water soluble	Nitrate Nitrogen
191	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex/ Liquid/ Water soluble	Sodium as NaCl
192	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex/ Liquid/ Water soluble	Total ammoniacal and nitrate nitrogen
193	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex/ Liquid/ Water soluble	Total Chlorides (as Cl)
194	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex/ Liquid/ Water soluble	Total Nitrogen (Urea, Ammoniacal and Nitrate)



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
195	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex/ Liquid/ Water soluble	Urea Nitrogen
196	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex/ Liquid/Water soluble	Available phosphorus (as P2O5)
197	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex/ Liquid/Water soluble	Biuret
198	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/ Water Soluble	Moisture
199	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/ Water Soluble	Particle Size
200	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/Liquid/ Water Soluble	Ammonical Nitrogen
201	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/Liquid/ Water Soluble	Free Acidity as H2SO4
202	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/Liquid/ Water Soluble	Magnesium (as Mg)



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
203	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/Liquid/ Water Soluble	pH
204	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/Liquid/ Water Soluble	Specific Gravity
205	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/Liquid/ Water Soluble	Sulphate Sulphur/ Sulphur (as S)
206	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/Liquid/ Water Soluble	Total Nitrogen
207	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/Liquid/ Water Soluble	Total Phosphorus as P2O5
208	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/Liquid/ Water Soluble	Water Soluble Phosphorus as P2O5
209	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers-Straight/Complex/Liquid/ Water Soluble	Water Soluble Potassium as K2O
210	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Arsenic (as As/ As2O3)
211	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	C:N Ratio



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212	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Cadmium (as Cd)
213	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Chromium (as Cr)
214	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Conductivity
215	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Copper (as Cu)
216	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Lead (as Pb)
217	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Moisture
218	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Nickel (as Ni)
219	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Particle Size
220	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	pH
221	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Total Nitrogen (as N)
222	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Total Organic Carbon
223	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Total Phosphate (as P2O5)
224	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Total Potassium (as K2O)
225	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Organic/ Compost/ Biofertilizer	Zinc (as Zn)



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
226	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients/ Macronutrients/ Fortified Fertilizers	Zinc (as Zn)
227	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Acidity of Extracted Fat as Oleic Acid
228	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Alcoholic Acidity as H2SO4
229	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Ash Insoluble in Dilute HCL/ Acid Insoluble Ash
230	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Carbohydrates
231	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Cocoa solids
232	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Crude Fibre
233	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Dietary Fibre
234	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Energy
235	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Fat



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
236	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Milk fat
237	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Milk solids
238	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Moisture
239	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	pH
240	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Potassium Bromate
241	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Potassium Iodate
242	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Protein
243	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Reducing sugar
244	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Sulphated ash
245	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Total ash



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
246	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Bakery and Confectionery products	Total Sugar /Sucrose
247	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Beverages Alcoholic	Alcoholic Content (Ethyl alcohol content)
248	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Beverages Alcoholic	Ash content
249	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Beverages Alcoholic	Furfural
250	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Beverages Alcoholic	Methyl alcohol
251	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Beverages Alcoholic	pH
252	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Beverages Alcoholic	Residue on evaporation
253	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Beverages Alcoholic	Total Acid as Tartaric Acid
254	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Beverages Alcoholic	Volatile Acid Expressed as Acetic Acid
255	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Alcoholic Acidity



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
256	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Ash Insoluble in Dilute HCl/ Acid Insoluble Ash
257	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Calcium Carbonate/ Calcium
258	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Crude Fibre
259	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Dietary Fibre
260	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Gluten
261	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Granularity
262	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Iron
263	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Moisture
264	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Total Ash
265	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Total Protein



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
266	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products	Uric acid
267	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products- Refractions (Grains/Whole)	Damaged/ Broken/Discoloured- Grains/Kernels
268	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products- Refractions (Grains/Whole)	Foreign Matter / Extraneous matter
269	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products- Refractions (Grains/Whole)	Moisture
270	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Cereals, Pulses and Cereal Products- Refractions (Grains/Whole)	Other Food Grains
271	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Coffee and Cocoa products	Alkalinity of soluble ash
272	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible colours and flavours	Combined Ether Extracts
273	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible colours and flavours	Loss on Drying
274	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible colours and flavours	Total Dye Content



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
275	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible colours and flavours	Water Insoluble Matter
276	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils & Fats	Trans Fat
277	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Acid Value
278	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Adulterants
279	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Allyl isothiocyanate
280	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Bellier Turbidity Temperature
281	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	BR Reading at 40 Degree Centigrade
282	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Colour
283	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Flash point
284	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Insoluble bromide test



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
285	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Iodine Value
286	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Moisture
287	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Mono Unsaturated Fatty Acid (MUFA)
288	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Oryzanol
289	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Peroxide Value / Rancidity
290	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Phosphorus
291	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Poly Unsaturated Fatty Acid (PUFA)
292	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Refractive Index
293	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Residual Hexane
294	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Saponification Value



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
295	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Saturated Fat
296	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Specific Gravity
297	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Edible Oils and Fats	Unsaponification Matter
298	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Food Additives and Preservatives	Antioxidants
299	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Food Additives and Preservatives	Preservatives
300	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Food Additives and Preservatives	Sweeteners
301	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Food Additives and Preservatives in food products	Added colours
302	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Acidity / Acidity of cut out syrup/ Titrable Acidity
303	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Acidity as Acetic Acid



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
304	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Acidity as Critic Acid
305	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Ash Insoluble in Dilute HCl / Acid Insoluble Ash
306	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Carbohydrate
307	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Crude Fiber
308	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Energy
309	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Fruit Content/ Fruit Juice Content
310	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Moisture
311	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Peroxidase



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
312	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	pH (pH of cut out syrup)
313	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Salt/ Sodium Chloride (salt content) in brine
314	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Sugar content / Total sugar
315	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Total Ash
316	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Total solids
317	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Total Soluble Solids (Salt Free Basis)
318	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Total Soluble Solids or Brix
319	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Fruit and Fruit Products/ Canned and Processed Food/ Beverages Non-alcoholic	Volatile acids



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
320	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs Spices and Condiments - Whole	Light Berries
321	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Alcohol Soluble extract
322	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Ash Insoluble in HCL/ Acid insoluble Ash
323	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Capsaicinoid content / Scoville index
324	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Cold Water Extract
325	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Crude Fibre
326	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Curcumin in Turmeric
327	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Moisture
328	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Nonvolatile Ether Extract
329	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Peperine content



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
330	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Salt (as NaCl)
331	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Test For Presence of Chromate
332	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Total Ash
333	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Total Starch
334	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Volatile Oil Content
335	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments	Water Insoluble ash
336	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Herbs, Spices and Condiments - Whole	Pin heads or broken berries
337	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Honey and Honey Products	Acidity as (Formic Acid)
338	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Honey and Honey Products	Aniline Chloride Test
339	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Honey and Honey Products	Ash



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
340	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Honey and Honey Products	Fiehe's Test
341	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Honey and Honey Products	Fructose-Glucose Ratio
342	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Honey and Honey Products	Hydroxy Methyl Furfural
343	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Honey and Honey Products	Moisture
344	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Honey and Honey Products	Optical Density
345	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Honey and Honey Products	Specific Gravity
346	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Honey and Honey Products	Sucrose
347	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Honey and Honey Products	Total Reducing Sugars
348	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Metals in Food and Food Products	Arsenic (as As)
349	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Metals in Food and Food Products	Cadmium (as Cd)



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
350	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Metals in Food and Food Products	Chromium (as Cr)
351	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Metals in Food and Food Products	Copper (as Cu)
352	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Metals in Food and Food Products	Iron (as Fe)
353	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Metals in Food and Food Products	Lead (as Pb)
354	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Metals in Food and Food Products	Mercury (as Hg)
355	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Metals in Food and Food Products	Nickel (as Ni)
356	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Metals in Food and Food Products	Tin (as Sn)
357	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Metals in Food and Food Products	Zinc (as Zn)
358	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Acid Insoluble ash/Ash insoluble in dilute HCL
359	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Added Sugar (as Sucrose)



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360	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Adulterants in Milk
361	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Baudouin test (Test for presence of sesame oil)
362	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Buryo Refractometer Reading at 40 Deg C
363	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Fat/ Milk Fat
364	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	FFA as Oleic Acid
365	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Holde's test (Detection of Mineral Oil)
366	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Lactose
367	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Milk Protein/ Protein
368	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Milk Solids
369	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Milk Solids Not Fat



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370	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Moisture
371	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Peroxide value
372	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	pH
373	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Polenske Value
374	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Refractive Index
375	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Reichert Value
376	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Salt Content
377	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Solubility percent
378	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Solubility / Insolubility Index
379	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Starch



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380	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Sucrose /Total Sugar
381	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Titratable Acidity
382	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Total Ash
383	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Total carbohydrates
384	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Milk and Dairy Products	Total Solid
385	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nut and Nut products	Acid insoluble ash / Ash insoluble in dilute HCL.
386	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nut and Nut products	Acidity of extracted fat as oleic acid
387	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nut and Nut products	Crude Fat or Oil Content
388	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nut and Nut products	Crude Fibre
389	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nut and Nut products	Moisture



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390	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nut and Nut products	Total Ash
391	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nut and Nut products (Whole)	Damaged / Discoloured / Blemished units
392	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nut and Nut products (Whole)	Extaneous matter / Foreign matter
393	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Acid insoluble ash / Ash insoluble in HCL
394	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Acid Value of extracted fat (as oleic acid)



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395	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Calcium (as Ca)
396	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Chloride (as Cl)
397	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Cholesterol



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398	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Copper (as Cu)
399	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Crude Fiber
400	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Dietary Fiber



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401	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Energy
402	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Iron (as Fe)
403	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Magnesium (as Mg)



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404	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Manganese (as Mn)
405	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Moisture
406	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Phosphorus (as P)



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407	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Potassium (as K)
408	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Selenium (as Se)
409	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Sodium (as Na)



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410	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Sugar
411	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Total Ash
412	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Total Carbohydrates



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413	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Total Fat
414	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Total Protein
415	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Nutritional and Minerals: Ready to Eat/ Cook; Infant food; Snacks and Instant mixes; Cereals, pulses and cereal products, Bakery and confectionery products, Supplements / Nutraceutical and Functional Foods (Dietary Fibre; Prebiotics; Probiotics; Fortified foods)	Zinc (as Zn)
416	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Oil seeds and by products	Impurity/Foreign Matter/Extraneous Matter
417	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Oil seeds and by products	Insect Infestation



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418	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Oil seeds and by products	Moisture content
419	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Oil seeds and by products	Monosaturated Fatty Acids
420	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Oil seeds and by products	Oil content/ Fat
421	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Oil seeds and by products	Poly saturated Fatty Acids
422	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Oil seeds and by products	Purity
423	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Oil seeds and by products	Saturated Fatty Acids
424	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Oil seeds and by products	Trans fatty acids
425	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Peanut Butter	Acid Value of Extracted Fat
426	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Peanut Butter	Fat
427	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Peanut Butter	Moisture
428	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Peanut Butter	Salt as NaCl
429	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Peanut Butter	Total Ash



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430	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Alkalinity (as Na ₂ CO ₃)
431	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Calcium (as Ca)
432	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Chloride Content as NaCl
433	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Ferrocyanide
434	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Iodine
435	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Iron (as Fe)
436	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Magnesium (as Mg)
437	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Matter Insoluble in Dilute HCL
438	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Matter Insoluble in Water (Water Insoluble Matter)
439	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Matter Soluble in Water Other Than Sodium Chloride
440	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Moisture
441	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Salt	Sulphate (as SO ₄)
442	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Sugar and Sugar Products	Ash
443	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Sugar and Sugar Products	Ash Insoluble in Dilute HCl/ Acid Insoluble Ash



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444	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Sugar and Sugar Products	Calcium Oxide
445	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Sugar and Sugar Products	Colour in ICUMSA Units
446	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Sugar and Sugar Products	Conductivity
447	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Sugar and Sugar products	Loss on Drying / Moisture
448	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Sugar and Sugar products	Polarization
449	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Sugar and Sugar Products	Reducing Sugar
450	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Sugar and Sugar Products	Sucrose
451	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Sugar and Sugar Products	Sulphated Ash
452	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Sugar and Sugar Products	Water Insoluble Matter
453	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Tea	Alkalinity of Water Soluble Ash Expressed as KOH
454	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Tea	Ash Insoluble in Dilute HCl/ Acid Insoluble Ash



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455	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Tea	Crude Fibre
456	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Tea	Iron Fillings
457	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Tea	Moisture
458	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Tea	Total Ash
459	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Tea	Water Extract
460	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Tea	Water Soluble Ash
461	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Food	Drained Weight
462	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Acidity
463	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Acidity as Acetic Acid
464	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Acidity as Citric Acid
465	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Ash Insoluble in Dilute HCL / Acis Insoluble Ash



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
466	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Crude Fibre
467	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Fill of Container
468	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Mineral Acid
469	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Moisture
470	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Peroxidase Test
471	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	pH
472	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Presence of caramel
473	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Salt/ Sodium Chloride (salt content) in brine



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
474	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Sugar Content/ Total Sugar
475	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Total Ash
476	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Total Solids
477	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Total Soluble Solids (Salt Free Basis)
478	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Total Soluble Solids or Brix
479	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vegetable and Vegetable Products/ Canned and Processed Foods	Volatile acids
480	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vitamins in Food and Food Products	Vitamin A
481	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vitamins in Food and Food Products	Vitamin B1 (Thiamin)
482	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vitamins in Food and Food Products	Vitamin B12



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
483	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vitamins in Food and Food Products	Vitamin B2 (Riboflavin)
484	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vitamins in Food and Food Products	Vitamin B3 (Nicotinic Acid)
485	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vitamins in Food and Food Products	Vitamin B6 (Pyridoxine)
486	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vitamins in Food and Food Products	Vitamin B9
487	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vitamins in Food and Food Products	Vitamin C (Ascorbic Acid)
488	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vitamins in Food and Food Products	Vitamin D
489	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vitamins in Food and Food Products	Vitamin E
490	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products- Vitamins in Food and Food Products	Vitamin K
491	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Acid insoluble ash/ Ash insoluble in dilute HCL
492	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Alkalinity of Total Ash as K2O



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
493	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Caffeine
494	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Chicory in coffee
495	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Cocoa Butter/ Fat Content
496	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Crude fiber
497	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Moisture
498	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Petroleum ether extract
499	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Solubility in water
500	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Total Ash
501	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Water Extract (Aqueous extract)
502	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Coffee and Cocoa products	Water soluble Ash



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
503	TESTING-CHEMICAL	Simultaneous Scheme/ Food and Agricultural Products-Herbs, Spices and Condiments-Whole	Extraneous matter / Foreign Matter
504	TESTING-CHEMICAL	Simultaneous Scheme/ Metals and Alloys-Low alloy steel and plain carbon steel- TMT Bars	Manganese
505	TESTING-CHEMICAL	Simultaneous Scheme/ Metals and Alloys-Low alloy steel and plain carbon steel- TMT Bars, wires	Carbon
506	TESTING-CHEMICAL	Simultaneous Scheme/ Metals and Alloys-Low alloy steel and plain carbon steel- TMT Bars, wires	Phosphorus
507	TESTING-CHEMICAL	Simultaneous Scheme/ Metals and Alloys-Low alloy steel and plain carbon steel- TMT Bars, wires	Silicon
508	TESTING-CHEMICAL	Simultaneous Scheme/ Metals and Alloys-Low alloy steel and plain carbon steel- TMT Bars, wires	Sulphur
509	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals- Dolomite, Limestone, Allied Material	Al ₂ O ₃
510	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals- Dolomite, Limestone, Allied Material	CaO
511	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals- Dolomite, Limestone, Allied Material	Fe ₂ O ₃
512	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals- Dolomite, Limestone, Allied Material	LOI



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
513	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals- Dolomite, Limestone, Allied Material	MgO
514	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals- Dolomite, Limestone, Allied Material	SiO ₂
515	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and minerals-Feldspar	Al ₂ O ₃
516	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and minerals-Feldspar	CaO
517	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and minerals-Feldspar	Fe ₂ O ₃
518	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and minerals-Feldspar	K ₂ O
519	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and minerals-Feldspar	LOI
520	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and minerals-Feldspar	MgO
521	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and minerals-Feldspar	Na ₂ O
522	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and minerals-Feldspar	SiO ₂
523	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals-Iron Ore	Al ₂ O ₃
524	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals-Iron Ore	CaO
525	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals-Iron Ore	Fe
526	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals-Iron Ore	Fe ₂ O ₃



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527	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals-Iron Ore	LOI
528	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals-Iron Ore	MgO
529	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals-Iron Ore	SiO ₂
530	TESTING-CHEMICAL	Simultaneous Scheme/ Ore and Minerals-Iron Ore	TiO ₂
531	TESTING-CHEMICAL	Simultaneous Scheme/ Plastic and Resins- Plastic Films, Raw Materials	Colour Migration
532	TESTING-CHEMICAL	Simultaneous Scheme/ Plastic and Resins- Plastic Films, Raw Materials	Overall migration
533	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Total Nitrogen
534	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Arsenic (as As)
535	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Cadmium (as Cd)
536	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Cation Exchange Capacity (CEC)
537	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Chromium (as Cr)
538	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Conductivity
539	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Lead (as Pb)
540	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Moisture / Water content
541	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Nickel (as Ni)



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
542	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Organic Matter
543	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	pH
544	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Selenium (as Se)
545	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Total soluble solids
546	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil/ Sediments	Total soluble sulphates
547	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Acidity
548	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Alkalinity
549	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Aluminium (as Al)
550	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Ammonia (as N, NH ₃ , NH ₄)
551	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Anionic Detergent (as MBAS)



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
552	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Antimony (as Sb)
553	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Arsenic (as As)
554	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Barium (as Ba)
555	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Beryllium (as Be)
556	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Bioassay (Effluent Toxicity)
557	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Biological Oxygen Demand (3 Days 27 Deg C)
558	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Biological Oxygen Demand (5 Days 20 Deg C)
559	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Boron (as B)



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
560	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Cadmium (as Cd)
561	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Calcium (as Ca)
562	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Chemical Oxygen Demand (COD)
563	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Chloride
564	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Chromium (as Cr) / Total Chromium (as Cr)
565	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Cobalt (as Co)
566	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Colour Hazen/Hue
567	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Conductivity



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
568	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Copper (as Cu)
569	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Cyanide
570	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Dissolved Oxygen (DO)
571	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Fixed Solids/ Inorganic Solids
572	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Fluoride
573	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Free Residual Chlorine
574	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Hexavalent Chromium (as Cr+6)
575	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Iron (as Fe)



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
576	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Lead (as Pb)
577	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Magnesium (as Mg)
578	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Manganese (as Mn)
579	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Mercury (as Hg)
580	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	MLSS (Mixed Liquor Suspended Solids)
581	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Molybdenum (as Mo)
582	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Nickel (as Ni)
583	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Nitrate (as NO ₃)



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
584	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Nitrite
585	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Odour
586	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Oil & Grease
587	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	pH
588	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Phenolic Compounds (as C ₆ H ₅ OH)
589	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Phosphorus (as P/PO ₄ /P ₂ O ₅)
590	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Potassium (as K)
591	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Selenium (as Se)



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
592	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Silver (as Ag)
593	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Sodium (Na)
594	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Strontium (as Sr)
595	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Sulphate (as SO ₄)
596	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Sulphide
597	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	SVI (Sludge Volume Index)
598	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Total Dissolved Solids
599	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Total Hardness



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600	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Total Kjeldhal Nitrogen
601	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Total Solids
602	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Total Suspended Solids
603	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Turbidity (NTU)
604	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Vanadium (as V)
605	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Volatile Solids/ Organic Solids
606	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment- Wastewater (Effluent; Sewage; Recycled water; Water for Reuse)	Zinc (as Zn)
607	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Used/ Waste Oil	Arsenic (as As)
608	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Used/ Waste Oil	Cadmium (as Cd)



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609	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Used/ Waste Oil	Chromium (as Cr)
610	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Used/ Waste Oil	Lead (as Pb)
611	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Used/ Waste Oil	Nickel (as Ni)
612	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Used/ Waste Oil	Poly aromatic hydrocarbons (PAH)
613	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Used/ Waste Oil	Poly chlorinated biphenyls (PCBs)
614	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Used/ Waste Oil	Sulphur
615	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Used/ Waste Oil	Water Content
616	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi- Solid)	Arsenic (as As)
617	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi- Solid)	Arsenic (as As) in Leachate
618	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi- Solid)	Cadmium (as Cd)
619	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi- Solid)	Cadmium (as Cd) in Leachate



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620	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Calorific Value
621	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Chromium (as Cr)
622	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Chromium (as Cr) in Leachate
623	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Lead (as Pb)
624	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Lead (as Pb) in Leachate
625	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Loss on ignition at 550 Deg C (% Organic Content)
626	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Moisture / Loss on drying at 105 Deg C
627	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Nickel (as Ni)



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628	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Nickel (as Ni) in Leachate
629	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Paint Filter Liquid Test (PFLT)
630	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment-Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	pH
631	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Aluminium (as Al)
632	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Antimony (as Sb)
633	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Cadmium (as Cd)
634	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Chloramines (as Cl ₂)
635	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Cyanide
636	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Hexavalent Chromium
637	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Lead (as Pb)
638	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Manganese (as Mn)
639	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Mercury (as Hg)



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640	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Molybdenum (as Mo)
641	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Nickel (as Ni)
642	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	PAH
643	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	PCB
644	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Pesticide Residues- Herbicides, Fungicides, Carbamates - Butachlor; 2,4-D; Alachor; Atrazine; Isoproturon;
645	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Pesticide Residues- Organo Phosphorus compounds- Monocrotophos; Ethion; Chlorpyriphos; Phorate; Malathion; Methyl Parathion; Phorate
646	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Pesticide Residues-Organochlorine compounds- DDT (o,p & p,p isomers of DDT, DDE & DDD); Endosulphan(Alpha, Beta, Sulphate); HCH (Alpha, Beta, Delta); HCH-Gamma (Lindane); Aldrin; Dieldrin
647	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Selenium (as Se)
648	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Silver (as Ag)
649	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Total Arsenic (as As)/ Arsenic (as As)
650	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Total Chromium (as Cr)/Chromium (as Cr)
651	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Trihalomethanes (Bromodichloromethane)



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652	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Trihalomethanes (Bromoform)
653	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Trihalomethanes (Chloroform)
654	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Trihalomethanes (Dibromochloromethane)
655	TESTING-CHEMICAL	Simultaneous Scheme/ Residues in Water	Uranium
656	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock- Agriculture Soil	Available sulphur
657	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock- Agriculture Soil	Available Boron
658	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock- Agriculture Soil	Available Cu (Micronutrient)
659	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock- Agriculture Soil	Available Fe (Micronutrient)
660	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock- Agriculture Soil	Available Mn (Micronutrient)
661	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock- Agriculture Soil	Available Zn (Micronutrient)
662	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock- Agriculture Soil	Conductivity
663	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock- Agriculture Soil	Nitrogen (Total/Available)
664	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock- Agriculture Soil	Organic Carbon
665	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock- Agriculture Soil	pH
666	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock- Agriculture Soil	Phosphorus (Total/ Available)



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667	TESTING-CHEMICAL	Simultaneous Scheme/ Soil and Rock-Agriculture Soil	Potassium (Available/ Total)
668	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Acidity (as CaCO ₃)
669	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Alkalinity (as Hydroxide, Carbonate, Bicarbonate Or Total as CaCO ₃)



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670	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Ammonia (as NH ₃ -N/NH ₄ /NH ₃)
671	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Anionic Detergent (as MBAS)/ Anionic Surface active agents (as MBAS)



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672	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Barium (as Ba)
673	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Beryllium (as Be)



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674	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	BOD (3 Days 27 degree Celsius)
675	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Borates (as B)



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676	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Boron (as B)
677	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Bromate (as BrO ₃)



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678	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Calcium (Ca)
679	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Chemical Oxygen Demand (COD)



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680	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Chloride (Cl)
681	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Cobalt (as Co)



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682	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Color Retention Of $KmNO_4$
683	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Colour



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684	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Conductivity
685	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Copper (as Cu)



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686	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Dissolved Oxygen (DO)
687	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Fluoride (F)



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688	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Free Residual Chlorine/ Total Residual Chlorine
689	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Inorganic Solid/ Fixed Solids



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690	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Iron (as Fe)
691	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Magnesium (Mg)



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692	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Mineral Oil
693	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Nitrate (as NO ₃)



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694	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Nitrite (as NO ₂)
695	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Odour



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696	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Oil and Grease
697	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Organic Solids/ Volatile Solids



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698	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Oxygen absorbed in 4 Hours at 27 Deg C
699	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	pH



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700	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Phenolic Compounds (as C6H5OH)
701	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Phosphorus (as P, PO4, P2O5)



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702	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Potassium (K)
703	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Residual Sodium Carbonate



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704	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Silica (as SiO ₂) (Total Molybdate Reactive)
705	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Sodium (Na)



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706	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Sodium Adsorption Ratio(SAR)
707	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Strontium (as Sr)



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708	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Sulphate (as SO ₄ ,SO ₃)
709	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Sulphide (as S, H ₂ S)



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710	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Suspended Matter/Solids (TSS)
711	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Taste



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712	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Thallium (as Tl)
713	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Total Dissolved Solids (TDS)



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714	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Total Hardness (as CaCO ₃)
715	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Total Organic Carbon (TOC)



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716	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Total Solids
717	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Turbidity



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718	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Vanadium (as V)
719	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Volume of 0.02N H ₂ SO ₄ required to neutralize 100ml of the sample using mixed indicator.



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720	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Volume of 0.02N NaOH required to neutralize 100ml of the sample using phenolphthalein Indicator
721	TESTING-CHEMICAL	Simultaneous Scheme/ Water (Water for construction purpose; Drinking water; Ground water; Surface water; Water for industrial use; Boiler feed water; Water for Irrigation use; Packaged drinking water and Packaged natural mineral water; Swimming pool water; Reagent grade water; Water from purifiers; Water for ice manufacturing; Water for processed food industry; water for pharmaceutical purpose and any other uses)	Zinc (as Zn)
722	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Material- Soil and Rock - Stones/ Rock	Compressive strength
723	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Material- Soil and Rock - Stones/ Rock	Dry density



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724	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Material- Soil and Rock - Stones/ Rock	Moisture/Water content
725	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Material- Soil and Rock - Stones/ Rock	Porosity
726	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Material- Soil and Rock - Stones/ Rock	Specific Gravity
727	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Material- Soil and Rock - Stones/ Rock	Water Absorption
728	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Bitumen	Absolute viscosity at 60 degree Celsius
729	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Bitumen	Flash point
730	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Bitumen	Kinematic viscosity at 135 degree Celsius
731	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Bitumen	Penetration
732	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Bitumen	Softening point



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733	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Bitumen	Solubility in trichloroethylene
734	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Bitumen	Specific Gravity
735	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Bricks (Burnt Clay, Fly ash)	Compressive Strength
736	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Bricks (Burnt Clay, Fly ash)	Dimensions-Lengh, Width, Thickness
737	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Bricks (Burnt Clay, Fly ash)	Efflorescence
738	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Bricks (Burnt Clay, Fly ash)	Water Absorption
739	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Cement	Compressive Strength
740	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Cement	Consistency
741	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Cement	Density (Specific Gravity)
742	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Cement	Fineness (Blaine Air Permeability)



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743	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Cement	Setting Time (a) Initial (b) Final
744	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Cement	Soundness (Autoclave Method)
745	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Cement	Soundness (Le-Chatelier Method)
746	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Ceramic Tiles	Breaking Strength
747	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Ceramic Tiles	Dimensions
748	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Ceramic Tiles	Modulus of Rupture
749	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Ceramic Tiles	Scratch Hardness
750	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Ceramic Tiles	Stain and Chemical Resistance
751	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Ceramic Tiles	Water Absorption
752	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	10% Fine Value



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
753	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Abrasion Value
754	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Bulk Density
755	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Combined Flakiness and Elongation Index
756	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Crushing Value
757	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Deleterious Material- Determination of light weight pieces (Coal & Lignite)
758	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Deleterious Material, Clay Lumps & Soft Fragments
759	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Determination of Material Finer Than 75 Micron
760	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Elongation Index
761	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Flakiness Index
762	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Impact Value



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
763	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Sieve Analysis 80mm-4.75mm
764	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Soundness
765	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Specific Gravity (Based on dry aggregate, Based on saturated surface dry weight, Apparent specific gravity)
766	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Coarse Aggregate	Water Absorption
767	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Concrete Cubes	Compressive Strength
768	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fine Aggregate	Bulk Density
769	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fine Aggregate	Deleterious Material- Determination of light weight pieces (Coal & Lignite)
770	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fine Aggregate	Deleterious Material, Clay Lumps
771	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fine Aggregate	Determinaton of Material Finer Than 75 Micron
772	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fine Aggregate	Organic Impurities



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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
773	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fine Aggregate	Sieve Analysis 4.75-0.075mm
774	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fine Aggregate	Soundness
775	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fine Aggregate	Specific Gravity (Based on dry aggregate, Based on saturated surface dry weight, Apparent specific gravity)
776	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fine Aggregate	Water Absorption
777	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fly Ash (Pulverized Fuel Ash)	Compressive strength
778	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fly Ash (Pulverized Fuel Ash)	Fineness- specific surface by Blains permeability
779	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fly Ash (Pulverized Fuel Ash)	Lime reactivity
780	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fly Ash (Pulverized Fuel Ash)	Particle retained on 45 micron IS sieve
781	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Fly Ash (Pulverized Fuel Ash)	Soundness by autoclave



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782	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- High Strength Deformed Bars, wires	Bend Test
783	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- High Strength Deformed Bars, wires	Elongation
784	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- High Strength Deformed Bars, wires	Rebend Test
785	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- High Strength Deformed Bars, wires	Tensile Strength
786	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- High Strength Deformed Bars, wires	Weight Per Meter (mass per meter)
787	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- High Strength Deformed Bars, wires	Yield Strength (Yield Stress)
788	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Paver Block	Abrasion Resistance
789	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Paver Block	Compressive Strength
790	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Paver Block	Dimension



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791	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Paver Block	Flexural Strength
792	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Paver Block	Tensile Splitting Strength
793	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Paver Block	Water Absorption
794	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	CBR
795	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Free Swell Index
796	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Heavy Compaction Test- Dry Density
797	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Heavy Compaction Test- Optimum Moisture content
798	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Light Compaction Test- Optimum Moisture Content
799	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Light Compaction Test-Dry Density
800	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Liquid Limit



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801	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Plastic Limit
802	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Plasticity Index
803	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Shrinkage Index
804	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Shrinkage Limit
805	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Sieve Analysis
806	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials- Soil Basic	Specific Gravity
807	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials-Autoclaved Cellular Aerated Concrete Blocks	Bulk Density
808	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials-Autoclaved Cellular Aerated Concrete Blocks	Compressive Strength
809	TESTING-MECHANICAL	Simultaneous Scheme/ Building, Infrastructure and Construction Materials-Autoclaved Cellular Aerated Concrete Blocks	Moisture content
810	TESTING-MECHANICAL	Simultaneous Scheme/ Concrete	Consistency or Workability (Slump Test)



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811	TESTING-MECHANICAL	Simultaneous Scheme/ Plastic and Plastic Products-Packaging Containers (Plastic Cups, Glasses, Bottles, Jars, Pouches) for Natural Mineral Water and Packaged Drinking Water	Drop Test
812	TESTING-MECHANICAL	Simultaneous Scheme/ Plastic and Plastic Products-Packaging Containers (Plastic Cups, Glasses, Bottles, Jars, Pouches) for Natural Mineral Water and Packaged Drinking Water	Leakage Test
813	TESTING-MECHANICAL	Simultaneous Scheme/ Plastic and Plastic Products-Packaging Containers (Plastic Cups, Glasses, Bottles, Jars, Pouches) for Natural Mineral Water and Packaged Drinking Water	Water Potability Test
814	TESTING-NON-DESTRUCTIVE	Simultaneous Scheme/ Non-Destructive Testing-Building Material (Concrete)	Rebound Hammer test
815	TESTING-NON-DESTRUCTIVE	Simultaneous Scheme/ Non-Destructive Testing-Building Material (Concrete)	Ultrasonic Pulse Velocity testing (UPV)