



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

PTP Name :

GREEN ECONOMY INITIATIVES PRIVATE LIMITED, 215, SILVER CITY (MAIN),
ZIRAKPUR, S.A.S NAGAR, PUNJAB, INDIA

Accreditation Standard

ISO/IEC 17043: 2010

Certificate Number

PC-1005

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Validity

29/04/2020 to 28/04/2022*

Last Amended on

24/02/2022

*The validity is extended for one year up to 28.04.2023

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 Ambient Air- Particulates	PM10, PM2.5, Metals in Particulate Matter and Benzo a pyrene
2	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Ambient Air-Gases	Gases- SO2, NO2, O3, NH3, CO, Benzene
3	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process- Indoor and Work Environment	Particulate Matter, Particle count, Co, CO2, SO2, NO2, Lux, Noise Levels, Temperature, Humidity, Globe Temperature
4	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Noise	Ambient Noise
5	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Noise	Source Noise
6	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Stack Emissions- Gases	SO2, NO2, CO2, O2
7	TESTING-CHEMICAL	Sampling Scheme/ Sampling Process Stack Emissions-Particulates	Particulate Matter, Metals in Particulate Matter
8	TESTING-CHEMICAL	Simultaneous Scheme/ Ambient Air	As
9	TESTING-CHEMICAL	Simultaneous Scheme/ Ambient Air	Benzene
10	TESTING-CHEMICAL	Simultaneous Scheme/ Ambient Air	Benzo-a-pyrene Particulate Phase
11	TESTING-CHEMICAL	Simultaneous Scheme/ Ambient Air	NH3
12	TESTING-CHEMICAL	Simultaneous Scheme/ Ambient Air	Ni
13	TESTING-CHEMICAL	Simultaneous Scheme/ Ambient Air	NO2
14	TESTING-CHEMICAL	Simultaneous Scheme/ Ambient Air	O3
15	TESTING-CHEMICAL	Simultaneous Scheme/ Ambient Air	Pb
16	TESTING-CHEMICAL	Simultaneous Scheme/ Ambient Air	PM10
17	TESTING-CHEMICAL	Simultaneous Scheme/ Ambient Air	PM2.5



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18	TESTING-CHEMICAL	Simultaneous Scheme/ Ambient Air	SO ₂
19	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Acid Insoluble Ash
20	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Ca
21	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Crude Fibre
22	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Crude Protein
23	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Cu



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24	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Ether extract (Crude Fat)
25	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Fe
26	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Mn
27	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Moisture
28	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Phosphorus (Total/ Available)



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29	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Salt (NaCl)
30	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Total Ash
31	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Vitamin A
32	TESTING-CHEMICAL	Simultaneous Scheme/ Animal Food & Feeds (Poultry/ Pet/ Cattle Feed/ Rape seed/ oil cake/ cottonseed oil cake/ Gaur gum/ groundnut meal); Animal Nutrition (Feed supplements, additives)	Zn
33	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products (Ayurvedic/ Herbal)	Acid Insoluble Ash
34	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products (Ayurvedic/ Herbal)	Alcohol Soluble Extractive
35	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products (Ayurvedic/ Herbal)	Ether soluble extractive



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36	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products (Ayurvedic/ Herbal)	Foreign matter
37	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products (Ayurvedic/ Herbal)	Heavy Metals (Pb, As)
38	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products (Ayurvedic/ Herbal)	Moisture Content
39	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products (Ayurvedic/ Herbal)	Sulphated Ash
40	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products (Ayurvedic/ Herbal)	Total Ash
41	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products (Ayurvedic/ Herbal)	Water Soluble Ash
42	TESTING-CHEMICAL	Simultaneous Scheme/ Ayush Products (Ayurvedic/ Herbal)	Water soluble extractive
43	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & Confectionary Products	Acid Insoluble in Dilute HCL
44	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & Confectionary Products	Acidity of Extracted Fat as Oleic Acid
45	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & Confectionary Products	Alcoholic Acidity
46	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & Confectionary Products	Moisture
47	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	Cocoa solids
48	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	Crude/ Dietary Fibre
49	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	Fat



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50	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	Milk fat
51	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	Milk solids
52	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	pH of aqueous extract
53	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	Protein
54	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	Reducing sugar
55	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	Sugar /Sucrose
56	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	Sulphated ash
57	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	Total ash
58	TESTING-CHEMICAL	Simultaneous Scheme/ Bakery & confectionery products	Total solid content
59	TESTING-CHEMICAL	Simultaneous Scheme/ Beverages Alcoholic	pH
60	TESTING-CHEMICAL	Simultaneous Scheme/ Beverages Alcoholic	Residue on evaporation
61	TESTING-CHEMICAL	Simultaneous Scheme/ Beverages Alcoholic	Alcoholic Content v/v
62	TESTING-CHEMICAL	Simultaneous Scheme/ Beverages Alcoholic	Ash content
63	TESTING-CHEMICAL	Simultaneous Scheme/ Beverages Alcoholic	Furfural



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64	TESTING-CHEMICAL	Simultaneous Scheme/ Beverages Alcoholic	Methyl alcohol
65	TESTING-CHEMICAL	Simultaneous Scheme/ Beverages Alcoholic	Total Acid as Tartaric Acid
66	TESTING-CHEMICAL	Simultaneous Scheme/ Beverages Alcoholic	Volatile Acid Expressed as Acetic Acid
67	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Admixture	Ash content
68	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Admixture	Chloride ion content
69	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Admixture	Dry Material content
70	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Admixture	pH
71	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Admixture	Relative Density
72	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Bitumen	Absolute viscosity at 60 degree celsius Poises
73	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Bitumen	Ductility
74	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Bitumen	Flash point
75	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Bitumen	Kinematic viscosity at 135 degree celsius
76	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Bitumen	Penetration
77	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Bitumen	Softening point



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78	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Bitumen	Solubility in trichloroethylene
79	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material- Steel TMT Bars	Sulphur
80	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Potassium Oxide
81	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Silica
82	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Cement	Sodium Oxide
83	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Aluminum oxide(Al ₂ O ₃)
84	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Available Alkali (Sodium/Potassium) as equivalent (Na ₂ O))
85	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Calcium Oxide (CaO)
86	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Iron oxide (Fe ₂ O ₃)
87	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Loss on ignition
88	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Magnesium oxide (MgO)
89	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Reactive Silica
90	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Silicon dioxide (SiO ₂)
91	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Total chloride



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92	TESTING-CHEMICAL	Simultaneous Scheme/ Building Material-Fly ash	Total sulphur as sulphur trioxide (as SO ₃)/Sulphuric anhydride
93	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Aluminum Oxide
94	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Calcium Oxide
95	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Chloride
96	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Insoluble Residue
97	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Iron Oxide
98	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Loss on Ignition
99	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Magnesium Oxide
100	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Sulphuric Anhydride as SO ₃
101	TESTING-CHEMICAL	Simultaneous Scheme/ Cereal & Cereal Products	Alcoholic Acidity
102	TESTING-CHEMICAL	Simultaneous Scheme/ Cereal & Cereal Products	Ash Insoluble in Dilute HCL
103	TESTING-CHEMICAL	Simultaneous Scheme/ Cereal & Cereal Products	Calcium Carbonate
104	TESTING-CHEMICAL	Simultaneous Scheme/ Cereal & Cereal Products	Crude Fibre
105	TESTING-CHEMICAL	Simultaneous Scheme/ Cereal & Cereal Products	Gluten
106	TESTING-CHEMICAL	Simultaneous Scheme/ Cereal & cereal products	Granularity
107	TESTING-CHEMICAL	Simultaneous Scheme/ Cereal & Cereal Products	Iron
108	TESTING-CHEMICAL	Simultaneous Scheme/ Cereal & Cereal Products	Moisture



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109	TESTING-CHEMICAL	Simultaneous Scheme/ Cereal & Cereal Products	Total Ash
110	TESTING-CHEMICAL	Simultaneous Scheme/ Cereal & Cereal Products	Total Protein
111	TESTING-CHEMICAL	Simultaneous Scheme/ Cereal & cereal products	Uric acid
112	TESTING-CHEMICAL	Simultaneous Scheme/ Coffee and Cocoa products	Acid insoluble ash/ Ash insoluble in dilute HCL
113	TESTING-CHEMICAL	Simultaneous Scheme/ Coffee and Cocoa products	Alkainity of soluble ash in millilitres of 0.1 N hydrochloric acid per gram of material
114	TESTING-CHEMICAL	Simultaneous Scheme/ Coffee and Cocoa products	Caffeine
115	TESTING-CHEMICAL	Simultaneous Scheme/ Coffee and Cocoa products	Chicory in coffee
116	TESTING-CHEMICAL	Simultaneous Scheme/ Coffee and Cocoa products	Crude fiber
117	TESTING-CHEMICAL	Simultaneous Scheme/ Coffee and Cocoa products	Moisture
118	TESTING-CHEMICAL	Simultaneous Scheme/ Coffee and Cocoa products	Petroleum ether extract / Cocoa butter
119	TESTING-CHEMICAL	Simultaneous Scheme/ Coffee and Cocoa products	Solubility in boiling water
120	TESTING-CHEMICAL	Simultaneous Scheme/ Coffee and Cocoa products	Total Ash
121	TESTING-CHEMICAL	Simultaneous Scheme/ Coffee and Cocoa products	Water Extract (Aqueous extract)



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122	TESTING-CHEMICAL	Simultaneous Scheme/ Coffee and Cocoa products	Water soluble Ash of total ash.
123	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Llpstick, Henna)	Acid Insoluble Ash
124	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Llpstick, Henna)	Acid Value
125	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Llpstick, Henna)	Arsenic (as As ₂ O ₃)
126	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Llpstick, Henna)	Available Fluoride ion
127	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Llpstick, Henna)	Chloride (as NaCl)
128	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Llpstick, Henna)	Crude Fibre
129	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Llpstick, Henna)	Fineness- Particles retained on 150 micron or 75 micron IS sieve



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130	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Foaming Powder
131	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Free carbonated alkali
132	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Free Caustic alkali as sodium hydroxide
133	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Heavy metals (as Pb)
134	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Matter insoluble in alcohol
135	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Moisture and Volatile matter
136	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Non- Volatile matter



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137	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Peroxide Value
138	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	pH
139	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Rosin acid percent by mass of total fatty matter
140	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Thermal Stability
141	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Total fatty matter
142	TESTING-CHEMICAL	Simultaneous Scheme/ Cosmetic & Essential Oils (Tooth Paste, Tooth Powder, Soap, Cream, Oil, Nail Polish, Lipstick, Henna)	Total fatty substance content
143	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Acid Insoluble ash/Ash insoluble in HCL



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144	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Baudouin test (Test for presence of sesame oil)
145	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Crude Fibre
146	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Holde's test
147	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Lactose
148	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Peroxide value
149	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	pH
150	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Phosphate test



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151	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Polenske Value
152	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Solubility percent
153	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Solubility / Insolubility Index
154	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Sucrose /Total Sugar
155	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy products- Milk ;Milk Powder; Infant Milk Food ; Condensed Evaporated Milk ; Curd , Ghee	Total carbohydrates
156	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Adulterants in Milk
157	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Buryo Refractometer Reading at 40 Deg C



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158	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Butyro Refractometer Reading
159	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Fat
160	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	FFA as Oleic Acid
161	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Milk Solids
162	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Milk Solids Not Fat
163	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Moisture
164	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Protein



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165	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Reichert Value
166	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Titratable Acidity
167	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Total Ash
168	TESTING-CHEMICAL	Simultaneous Scheme/ Dairy Products-Milk; Milk Powder; Infant Milk Food; Condensed Evaporated Milk; Curd, Ghee	Total Solid
169	TESTING-CHEMICAL	Simultaneous Scheme/ Dolomite, Lime Stone, Allied Material	Al ₂ O ₃
170	TESTING-CHEMICAL	Simultaneous Scheme/ Dolomite, Lime Stone, Allied Material	CaO
171	TESTING-CHEMICAL	Simultaneous Scheme/ Dolomite, Lime Stone, Allied Material	Fe ₂ O ₃
172	TESTING-CHEMICAL	Simultaneous Scheme/ Dolomite, Lime Stone, Allied Material	LOI
173	TESTING-CHEMICAL	Simultaneous Scheme/ Dolomite, Lime Stone, Allied Material	MgO
174	TESTING-CHEMICAL	Simultaneous Scheme/ Dolomite, Lime Stone, Allied Material	SiO ₂



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175	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Acetyl Value
176	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Acid Value
177	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Ester Value
178	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Hydroxyl value



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179	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Iodine Value
180	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Limit Test Arsenic
181	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Limit Test Chlorides
182	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Limit Test Heavy Metals



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183	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Limit Test Iron
184	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Limit Test Lead
185	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Limit Test Sulphates
186	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Peroxide Value



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187	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Saponification Value
188	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Sulphated Ash
189	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Chemical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Total Ash
190	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Pharmaceutical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Particulate Contamination



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191	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Pharmaceutical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Uniformity of content
192	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Pharmaceutical Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Uniformity of Weight
193	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Physical and Physiological Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Flame Photometry (Assay/ Impurity or related Substance)
194	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Physical and Physiological Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Loss on Ignition



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195	TESTING-CHEMICAL	Simultaneous Scheme/ Drugs and Pharmaceuticals-Physical and Physiological Methods (Tablets, Capsules, Orals. Liquids, Powders, Parental preparations, Drops, Gels, Ointments, Pharmaceutical aids, Cream, Drug Substance)	Titration (Assay/ Impurity or Related Substance)
196	TESTING-CHEMICAL	Simultaneous Scheme/ Edible colours and flavors	Colours
197	TESTING-CHEMICAL	Simultaneous Scheme/ Fatty Acid Profile Food Products	Mono Unsaturated Fatty Acid (MUFA)
198	TESTING-CHEMICAL	Simultaneous Scheme/ Fatty Acid Profile Food Products	Poly Unsaturated Fatty Acid (MUFA)
199	TESTING-CHEMICAL	Simultaneous Scheme/ Fatty Acid Profile Food Products	Saturated Fat
200	TESTING-CHEMICAL	Simultaneous Scheme/ Fatty Acid Profile Food Products	Trans Fat
201	TESTING-CHEMICAL	Simultaneous Scheme/ Feldspar	Al ₂ O ₃
202	TESTING-CHEMICAL	Simultaneous Scheme/ Feldspar	CaO
203	TESTING-CHEMICAL	Simultaneous Scheme/ Feldspar	Fe ₂ O ₃
204	TESTING-CHEMICAL	Simultaneous Scheme/ Feldspar	K ₂ O
205	TESTING-CHEMICAL	Simultaneous Scheme/ Feldspar	LOI
206	TESTING-CHEMICAL	Simultaneous Scheme/ Feldspar	MgO
207	TESTING-CHEMICAL	Simultaneous Scheme/ Feldspar	Na ₂ O
208	TESTING-CHEMICAL	Simultaneous Scheme/ Feldspar	SiO ₂
209	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers-Micronutrients	Arsenic (as As)



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210	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients	Boron (as B)
211	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients	Cadmium (as Cd)
212	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients	Copper (as Cu)
213	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients	Iron (as Fe)
214	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients	Lead (as Pb)
215	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients	Magnesium (as Mg)
216	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients	Matter insoluble in water
217	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients	pH
218	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients	Sulphur (as S)
219	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Micronutrients	Zinc (as Zn)
220	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex	Biuret
221	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers- Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex	Nitrate Nitrogen



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222	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers-Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex	Total Chlorides (as Cl)
223	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers-Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/ Complex	Urea Nitrogen (Nitrogen in The form of Urea)
224	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers-Organic/ Compost/ Biofertilizer	Conductivity
225	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers-Organic/ Compost/ Biofertilizer	Moisture
226	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers-Organic/ Compost/ Biofertilizer	pH
227	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers-Organic/ Compost/ Biofertilizer	Total Nitrogen (as N)
228	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers-Organic/ Compost/ Biofertilizer	Total Organic Carbon
229	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers-Organic/ Compost/ Biofertilizer	Total Phosphate (as P2O5)
230	TESTING-CHEMICAL	Simultaneous Scheme/ Fertilizers-Organic/ Compost/ Biofertilizer	Total Potassium (as K2O)
231	TESTING-CHEMICAL	Simultaneous Scheme/ Food Additives and Preservatives	Antioxidants
232	TESTING-CHEMICAL	Simultaneous Scheme/ Food Additives and Preservatives	Emulsifiers, Stabilizers and Thickeners
233	TESTING-CHEMICAL	Simultaneous Scheme/ Food Additives and Preservatives	Preservatives
234	TESTING-CHEMICAL	Simultaneous Scheme/ Food Additives and Preservatives	Sweeteners



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235	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products- Ketchup, Sauce, Puree, Jam, Carbonated and Non-carbonated fruit beverages, dehydrated fruits and vegetables	Preservatives
236	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Acidity as Acetic Acid
237	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Acidity as Critic Acid
238	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Acidity of Brine as Lactic acid
239	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Acidity of Extracted Fat
240	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Ash Insoluble in Dilute HCl



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241	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Caffeine
242	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Fruit Content
243	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Moisture
244	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Peroxidase
245	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	pH
246	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Sulphur dioxide



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247	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Sweeteners
248	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Total Ash
249	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Total Soluble Solids
250	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & Vegetable Products-Ketchup, Sauce, Puree, Jam, Carbonated & Non-Carbonated Fruit Beverages, Dehydrated Fruits & Vegetables	Total Soluble Solids (Salt Free Basis)
251	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & vegetable-products - Ketchup ,sauce,puree, jam ,carbonated and non-carbonated fruit beverages , dehydrated fruits and vegetables	Crude Fibre
252	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & vegetable-products - Ketchup ,sauce,puree, jam ,carbonated and non-carbonated fruit beverages , dehydrated fruits and vegetables	Essential oils



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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
253	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & vegetable-products - Ketchup ,sauce,puree, jam ,carbonated and non-carbonated fruit beverages , dehydrated fruits and vegetables	Mineral impurities
254	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & vegetable-products - Ketchup ,sauce,puree, jam ,carbonated and non-carbonated fruit beverages , dehydrated fruits and vegetables	Rehydration ratio
255	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & vegetable-products - Ketchup ,sauce,puree, jam ,carbonated and non-carbonated fruit beverages , dehydrated fruits and vegetables	Sodium Chloride (salt content) in brine
256	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & vegetable-products - Ketchup ,sauce,puree, jam ,carbonated and non-carbonated fruit beverages , dehydrated fruits and vegetables	Sugar content / Total sugar
257	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & vegetable-products - Ketchup ,sauce,puree, jam ,carbonated and non-carbonated fruit beverages , dehydrated fruits and vegetables	Total soils
258	TESTING-CHEMICAL	Simultaneous Scheme/ Fruit & vegetable-products - Ketchup ,sauce,puree, jam ,carbonated and non-carbonated fruit beverages , dehydrated fruits and vegetables	Volatile acids
259	TESTING-CHEMICAL	Simultaneous Scheme/ Honey	Acidity as (Formic Acid)



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260	TESTING-CHEMICAL	Simultaneous Scheme/ Honey	Ash
261	TESTING-CHEMICAL	Simultaneous Scheme/ Honey	F/G Ratio
262	TESTING-CHEMICAL	Simultaneous Scheme/ Honey	Fiehe's Test
263	TESTING-CHEMICAL	Simultaneous Scheme/ Honey	Hydroxy Methyl Furfural
264	TESTING-CHEMICAL	Simultaneous Scheme/ Honey	Moisture
265	TESTING-CHEMICAL	Simultaneous Scheme/ Honey	Optical Density
266	TESTING-CHEMICAL	Simultaneous Scheme/ Honey	Specific Gravity
267	TESTING-CHEMICAL	Simultaneous Scheme/ Honey	Sucrose
268	TESTING-CHEMICAL	Simultaneous Scheme/ Honey	Total Reducing Sugars
269	TESTING-CHEMICAL	Simultaneous Scheme/ Iron Ore	Al ₂ O ₃
270	TESTING-CHEMICAL	Simultaneous Scheme/ Iron Ore	CaO
271	TESTING-CHEMICAL	Simultaneous Scheme/ Iron Ore	Fe
272	TESTING-CHEMICAL	Simultaneous Scheme/ Iron Ore	Fe ₂ O ₃
273	TESTING-CHEMICAL	Simultaneous Scheme/ Iron Ore	MgO
274	TESTING-CHEMICAL	Simultaneous Scheme/ Iron Ore	SiO ₂
275	TESTING-CHEMICAL	Simultaneous Scheme/ Iron Ore	TiO ₂
276	TESTING-CHEMICAL	Simultaneous Scheme/ Metals in Food Products	Arsenic
277	TESTING-CHEMICAL	Simultaneous Scheme/ Metals in Food Products	Cadmium
278	TESTING-CHEMICAL	Simultaneous Scheme/ Metals in Food Products	Copper
279	TESTING-CHEMICAL	Simultaneous Scheme/ Metals in Food Products	Iron



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280	TESTING-CHEMICAL	Simultaneous Scheme/ Metals in Food Products	Lead
281	TESTING-CHEMICAL	Simultaneous Scheme/ Metals in Food Products	Mercury
282	TESTING-CHEMICAL	Simultaneous Scheme/ Metals in Food Products	Nickel
283	TESTING-CHEMICAL	Simultaneous Scheme/ Metals in Food Products	Tin
284	TESTING-CHEMICAL	Simultaneous Scheme/ Metals in Food Products	Zinc
285	TESTING-CHEMICAL	Simultaneous Scheme/ Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/Complex	Ammonical Nitrogen
286	TESTING-CHEMICAL	Simultaneous Scheme/ Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/Complex	Free Acidity as H2SO4
287	TESTING-CHEMICAL	Simultaneous Scheme/ Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/Complex	Moisture
288	TESTING-CHEMICAL	Simultaneous Scheme/ Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/Complex	Neutral Ammonium Citrate Soluble Phosphate as P2O5
289	TESTING-CHEMICAL	Simultaneous Scheme/ Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/Complex	Particle Size
290	TESTING-CHEMICAL	Simultaneous Scheme/ Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/Complex	Sulphur as S



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291	TESTING-CHEMICAL	Simultaneous Scheme/ Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/Complex	Total Nitrogen
292	TESTING-CHEMICAL	Simultaneous Scheme/ Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/Complex	Total Phosphate as P2O5
293	TESTING-CHEMICAL	Simultaneous Scheme/ Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/Complex	Water Soluble Phosphate as P2O5
294	TESTING-CHEMICAL	Simultaneous Scheme/ Nitrogenous, Phosphatic, Potassic Fertilizers- Straight/Complex	Water Soluble Potash as K2O
295	TESTING-CHEMICAL	Simultaneous Scheme/ Nut and Nut products	Acid insoluble ash / Ash in dilute HCL.
296	TESTING-CHEMICAL	Simultaneous Scheme/ Nut and Nut products	Acidity of extracted fat as oleic acid
297	TESTING-CHEMICAL	Simultaneous Scheme/ Nut and Nut products	Damaged / Discoloured / Blemished units
298	TESTING-CHEMICAL	Simultaneous Scheme/ Nut and Nut products	Extaneous Vegetables matter
299	TESTING-CHEMICAL	Simultaneous Scheme/ Nut and Nut products	Total Ash
300	TESTING-CHEMICAL	Simultaneous Scheme/ Nut and Nut products . Already covered in s.no 133 to reorient as per NABL 130	Moisture



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301	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals: Complimentary Foods)	Total Protein
302	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked (Infant Food; Food Products-Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Sugar
303	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Calcium
304	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Chloride
305	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Copper



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306	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Crude Fiber
307	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Dietary Fiber
308	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Energy
309	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Iron
310	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Magnesium



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311	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Manganese
312	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Moisture
313	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Phosphorus
314	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Potassium
315	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Selenium



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316	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Sodium
317	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Total Ash
318	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Total Carbohydrates
319	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Total Fat
320	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis Ready to Eat / Cooked; (Infant Food; Food Products- Dairy, Noodles, Bakery, Cereals, Nuts; Nutraceuticals; Complimentary Foods)	Zinc



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321	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis: Ready to Eat / Cooked (Infant Food ; Food products - Dairy , Noodles, Bakery , Cereals , Nuts ; Nutraceuticals ; Complimentary foods)	Acid insoluble ash / Ash insoluble in HCL
322	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis: Ready to Eat / Cooked (Infant Food ; Food products - Dairy , Noodles, Bakery , Cereals , Nuts ; Nutraceuticals ; Complimentary foods)	Acidity of extracted fat (as oleic acid)
323	TESTING-CHEMICAL	Simultaneous Scheme/ Nutritional Analysis: Ready to Eat / Cooked (Infant Food ; Food products - Dairy , Noodles, Bakery , Cereals , Nuts ; Nutraceuticals ; Complimentary foods)	Iodine
324	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible oil)	Allyl isothiocyanate
325	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible oil)	Colour
326	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible oil)	Flash point
327	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible oil)	Insoluble bromide test
328	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible oil)	Preoxide Value / Rancidity
329	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible oil)	Residual Hexane



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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/ Oil & Fats (Edible Oil)	Acid Value
331	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible Oil)	Adulterants
332	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible Oil)	Bellier Turbidity Temperature
333	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible Oil)	BR Reading
334	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible Oil)	Iodine Value
335	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible Oil)	Refractive Index
336	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible Oil)	Saponification Value
337	TESTING-CHEMICAL	Simultaneous Scheme/ Oil & Fats (Edible Oil)	Unsaponification Matter
338	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	Acid Base Titration
339	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	Density
340	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	Dissolution
341	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	Dynamic Viscosity



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342	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	FTIR Analysis
343	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	GC Analysis; (i) Assay
344	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	GC Analysis; (ii) Impurity
345	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	HPLC Analysis (Assay)
346	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	Kinematic Viscosity
347	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	Loss on Drying
348	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	Melting Point
349	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	Moisture
350	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	pH



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351	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	Polarimetry (Optical Rotation)
352	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	Refractive Index
353	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	Tablet Testing Physical Properties- Thickness; Weight, Diameter, Hardness, Disintegration, Friability
354	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	UV Analysis; (i) Assay
355	TESTING-CHEMICAL	Simultaneous Scheme/ Pharmaceutical Products (Tablets / Liquids / Capsules)	UV Analysis; (i) Impurity
356	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil /Sediment	Total soluble solids
357	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution and Environment - Soil /Sediment	Total soluble solids as SO4
358	TESTING-CHEMICAL	Simultaneous Scheme/ Refractions (Cereals)	Damaged Grains
359	TESTING-CHEMICAL	Simultaneous Scheme/ Refractions (Cereals)	Foreign Matter
360	TESTING-CHEMICAL	Simultaneous Scheme/ Refractions (Cereals)	Other Food Grains
361	TESTING-CHEMICAL	Simultaneous Scheme/ Refractions (spices)	Extraneous matter



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362	TESTING-CHEMICAL	Simultaneous Scheme/ Refractions (spices)	Light Berries
363	TESTING-CHEMICAL	Simultaneous Scheme/ Refractions (spices)	Pin heads or broken berries
364	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Alkalinity (as Na ₂ CO ₃)
365	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Calcium (as Ca)
366	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Chloride Content as NaCl
367	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Ferrocyanide
368	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Iodine
369	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Iron Content
370	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Magnesium (as Mg)
371	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Matter Insoluble in Dilute HCL
372	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Matter Insoluble in Water
373	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Matter Soluble in Water Other Than Sodium Chloride
374	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Moisture
375	TESTING-CHEMICAL	Simultaneous Scheme/ Salt	Sulphate (as SO ₄)
376	TESTING-CHEMICAL	Simultaneous Scheme/ Soap Stone	CaO
377	TESTING-CHEMICAL	Simultaneous Scheme/ Soap Stone	Fe ₂ O ₃
378	TESTING-CHEMICAL	Simultaneous Scheme/ Soap Stone	LOI
379	TESTING-CHEMICAL	Simultaneous Scheme/ Soap Stone	MgO
380	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	Available Metals (Micronutrients-Zn, Cu, Fe, Mn)
381	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	Available Phosphorus



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382	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	Available Potassium
383	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	Available/Total Nitrogen
384	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	CEC
385	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	Conductivity
386	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	Exchangeable Ca and Mg
387	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	Metals (Zn, Cu, Fe, Cd, Pb, Ni) in soil (Digestion)
388	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	Organic Carbon
389	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	Organic Matter
390	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	pH
391	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	Soil Moisture
392	TESTING-CHEMICAL	Simultaneous Scheme/ Soil	Soil Texture
393	TESTING-CHEMICAL	Simultaneous Scheme/ Spices & Condiments	Ash Insoluble in HCL
394	TESTING-CHEMICAL	Simultaneous Scheme/ Spices & Condiments	Capsaicinoid content / Scoville index
395	TESTING-CHEMICAL	Simultaneous Scheme/ Spices & Condiments	Crude Fibre
396	TESTING-CHEMICAL	Simultaneous Scheme/ Spices & Condiments	Curcumin in Turmeric
397	TESTING-CHEMICAL	Simultaneous Scheme/ Spices & Condiments	Moisture
398	TESTING-CHEMICAL	Simultaneous Scheme/ Spices & Condiments	Nonvolatile Ether Extract
399	TESTING-CHEMICAL	Simultaneous Scheme/ Spices & 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
400	TESTING-CHEMICAL	Simultaneous Scheme/ Spices & Condiments	Test For Presence of Chromate
401	TESTING-CHEMICAL	Simultaneous Scheme/ Spices & Condiments	Total Ash
402	TESTING-CHEMICAL	Simultaneous Scheme/ Spices & Condiments	Total Starch
403	TESTING-CHEMICAL	Simultaneous Scheme/ Spices & Condiments	Volatile Oil Content
404	TESTING-CHEMICAL	Simultaneous Scheme/ Stack	Metals
405	TESTING-CHEMICAL	Simultaneous Scheme/ Stack	NO2
406	TESTING-CHEMICAL	Simultaneous Scheme/ Stack	PM
407	TESTING-CHEMICAL	Simultaneous Scheme/ Stack	SO2
408	TESTING-CHEMICAL	Simultaneous Scheme/ Steel TMT Bars	Carbon
409	TESTING-CHEMICAL	Simultaneous Scheme/ Steel TMT Bars	Chromium
410	TESTING-CHEMICAL	Simultaneous Scheme/ Steel TMT Bars	Manganese
411	TESTING-CHEMICAL	Simultaneous Scheme/ Steel TMT Bars	Molybdenum
412	TESTING-CHEMICAL	Simultaneous Scheme/ Steel TMT Bars	Phosphorus
413	TESTING-CHEMICAL	Simultaneous Scheme/ Steel TMT Bars	Si
414	TESTING-CHEMICAL	Simultaneous Scheme/ Sugar and Sugar 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
415	TESTING-CHEMICAL	Simultaneous Scheme/ Sugar and Sugar products	Colour in ICUMSA Units
416	TESTING-CHEMICAL	Simultaneous Scheme/ Sugar and Sugar products	Conductivity ash
417	TESTING-CHEMICAL	Simultaneous Scheme/ Sugar and Sugar products	Loss on Drying / Moisture
418	TESTING-CHEMICAL	Simultaneous Scheme/ Sugar and Sugar products	Polarization
419	TESTING-CHEMICAL	Simultaneous Scheme/ Sugar and Sugar products	Reducing Sugar
420	TESTING-CHEMICAL	Simultaneous Scheme/ Sugar and Sugar products	Sulphur dioxide
421	TESTING-CHEMICAL	Simultaneous Scheme/ Sugar and Sugar products	Total sugar (as Sucrose)
422	TESTING-CHEMICAL	Simultaneous Scheme/ Tea	Acid Insoluble Ash
423	TESTING-CHEMICAL	Simultaneous Scheme/ Tea	Alkalinity of Soluble Ash Expressed as K ₂ O
424	TESTING-CHEMICAL	Simultaneous Scheme/ Tea	Alkalinity of Water Soluble Ash Expressed as KOH (m/m)
425	TESTING-CHEMICAL	Simultaneous Scheme/ Tea	Ash Insoluble in Dilute HCL
426	TESTING-CHEMICAL	Simultaneous Scheme/ Tea	Crude Fibre
427	TESTING-CHEMICAL	Simultaneous Scheme/ Tea	Moisture
428	TESTING-CHEMICAL	Simultaneous Scheme/ Tea	Total Ash
429	TESTING-CHEMICAL	Simultaneous Scheme/ Tea	Water Extract
430	TESTING-CHEMICAL	Simultaneous Scheme/ Tea	Water Soluble Ash



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431	TESTING-CHEMICAL	Simultaneous Scheme/ Vitamins in Food Products	Vitamin A
432	TESTING-CHEMICAL	Simultaneous Scheme/ Vitamins in Food Products	Vitamin B1 (Thiamin)
433	TESTING-CHEMICAL	Simultaneous Scheme/ Vitamins in Food Products	Vitamin B2 (Riboflavin)
434	TESTING-CHEMICAL	Simultaneous Scheme/ Vitamins in Food Products	Vitamin B3 (Nicotinic Acid)
435	TESTING-CHEMICAL	Simultaneous Scheme/ Vitamins in Food Products	Vitamin B6
436	TESTING-CHEMICAL	Simultaneous Scheme/ Vitamins in Food Products	Vitamin B9 (Folic Acid)
437	TESTING-CHEMICAL	Simultaneous Scheme/ Vitamins in Food Products	Vitamin C (Ascorbic Acid)
438	TESTING-CHEMICAL	Simultaneous Scheme/ Vitamins in Food Products	Vitamin D
439	TESTING-CHEMICAL	Simultaneous Scheme/ Vitamins in Food Products	Vitamin E
440	TESTING-CHEMICAL	Simultaneous Scheme/ Waste / Sludge	(% Moisture) Loss on drying at 105 Deg C
441	TESTING-CHEMICAL	Simultaneous Scheme/ Waste / Sludge	Arsenic (as As)
442	TESTING-CHEMICAL	Simultaneous Scheme/ Waste / Sludge	Cadmium (as Cd)
443	TESTING-CHEMICAL	Simultaneous Scheme/ Waste / Sludge	Calorific Value
444	TESTING-CHEMICAL	Simultaneous Scheme/ Waste / Sludge	Chromium (as Cr)



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445	TESTING-CHEMICAL	Simultaneous Scheme/ Waste / Sludge	Lead (as Pb)
446	TESTING-CHEMICAL	Simultaneous Scheme/ Waste / Sludge	Loss on ignition
447	TESTING-CHEMICAL	Simultaneous Scheme/ Waste / Sludge	Loss on ignition at 550 Deg C (% Organic Content)
448	TESTING-CHEMICAL	Simultaneous Scheme/ Waste / Sludge	Nickel (as Ni)
449	TESTING-CHEMICAL	Simultaneous Scheme/ Waste / Sludge	PFLT
450	TESTING-CHEMICAL	Simultaneous Scheme/ Waste / Sludge	pH
451	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Alkalinity
452	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Antimony (as Sb)
453	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Barium (as Ba)
454	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Boron (as B)
455	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Chloride
456	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Chromium (as Cr) / Total Chromium as Cr
457	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Colour Hazen
458	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Fixed Solids



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459	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Free residual chlorine
460	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Molybdenum (as Mo)
461	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Odour
462	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Phenolic Compounds (as C ₆ H ₅ OH)
463	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Potassium (as K)
464	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Silver (as Ag)
465	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Sodium (NA)
466	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Sulphate
467	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Total Solids
468	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Turbidity (NTU)
469	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Acidity
470	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Ammonical Nitrogen (as N)
471	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Anionic Detergent (as MBAS)
472	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Arsenic (as As)



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473	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Bioassay
474	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	BOD
475	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Cadmium
476	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	COD
477	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Conductivity
478	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Copper (as Cu)
479	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Cyanide
480	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	DO
481	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Fluoride
482	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Free Ammonia (as NH ₃)
483	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Hexavalent Chromium (as Cr+6)
484	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Iron (as Fe)
485	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Lead (as Pb)
486	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Manganese (as Mn)



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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
487	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Mercury (as Hg)
488	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Nickel (as Ni)
489	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Nitrate (as NO ₃)
490	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Oil & Grease
491	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	pH
492	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Phenolic Compounds
493	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Phosphorus (as P)
494	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Selenium (as Se)
495	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Sulphide
496	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	TDS
497	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Total Kjeldhal Nitrogen
498	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	TSS
499	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	Volatile Solids
500	TESTING-CHEMICAL	Simultaneous Scheme/ Wastewater (Treated)	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
501	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Acidity
502	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Alkalinity (Hydroxide, Carbonate, Bicarbonate Or Total as CaCO ₃)
503	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Aluminium (as Al)
504	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Ammonia (as Total Ammonia-N)
505	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Anionic Detergent (as MBAS)
506	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Antimony (as Sb)
507	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Arsenic (as As)
508	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Barium (as Ba)
509	TESTING-CHEMICAL	Simultaneous Scheme/ Water	BOD (3 Days 27 degree celsius)
510	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Borates (as B)
511	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Boron (as B)
512	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Bromate
513	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Cadmium (as Cd)
514	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Calcium (Ca)
515	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Carbonate and Bicarbonate
516	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Chloride (Cl)
517	TESTING-CHEMICAL	Simultaneous Scheme/ Water	COD
518	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Colour
519	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Colour Retention Of KmNO ₄
520	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Conductivity
521	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Copper (as Cu)
522	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Cyanide
523	TESTING-CHEMICAL	Simultaneous Scheme/ Water	DO



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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
524	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Fluoride (F)
525	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Free Residual Chlorine
526	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Hydrazine (as N ₂ H ₄)
527	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Inorganic Solid
528	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Iron (as Fe)
529	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Lead (as Pb)
530	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Magnesium (Mg)
531	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Manganese (as Mn)
532	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Mercury (as Hg)
533	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Mineral Oil
534	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Molybdenum (as Mo)
535	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Nickel (as Ni)
536	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Nitrate (as NO ₃)
537	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Nitrite
538	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Odour
539	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Oil and Grease
540	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Organic Solids
541	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Oxygen Consumed
542	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Oxygen Consumed in 4 Hours
543	TESTING-CHEMICAL	Simultaneous Scheme/ Water	PAH
544	TESTING-CHEMICAL	Simultaneous Scheme/ Water	PCB
545	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Pesticide Residues (Organochlorine / Organophosphorus/Carbamate)
546	TESTING-CHEMICAL	Simultaneous Scheme/ Water	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
547	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Phenolic Compounds (as C ₆ H ₅ OH)
548	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Phosphate (as PO ₄)
549	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Potassium (K)
550	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Residual Sodium Carbonate
551	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Selenium (as Se)
552	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Silica (as SiO ₂)
553	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Silver (as Ag)
554	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Sodium (Na)
555	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Sodium Adsorption Ratio
556	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Sulphate (SO ₄)
557	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Sulphide
558	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Suspended Matter/Solids
559	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Taste
560	TESTING-CHEMICAL	Simultaneous Scheme/ Water	TDS
561	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Total Chromium (as Cr)
562	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Total Hardness (as CaCO ₃)
563	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Total Solids
564	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Trihalomethanes
565	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Turbidity
566	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Uranium
567	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Volume of 0.02N H ₂ SO ₄ required to neutralize 100ml of the sample using mixed indicator.



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568	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Volume of 0.02N NaOH required to neutralize 100ml of the sample using phenolphthalein Indicator
569	TESTING-CHEMICAL	Simultaneous Scheme/ Water	Zinc (as Zn)
570	TESTING-MECHANICAL	Simultaneous Scheme/ Bricks	Compressive Strength
571	TESTING-MECHANICAL	Simultaneous Scheme/ Bricks	Dimensions-Lengh, Width, Thickness
572	TESTING-MECHANICAL	Simultaneous Scheme/ Bricks	Water Absorption
573	TESTING-MECHANICAL	Simultaneous Scheme/ Building Material- Fly Ash	Compressive strength
574	TESTING-MECHANICAL	Simultaneous Scheme/ Building Material- Fly Ash	Fineness- specific surface by Blains permeability
575	TESTING-MECHANICAL	Simultaneous Scheme/ Building Material- Fly Ash	Lime reactivity
576	TESTING-MECHANICAL	Simultaneous Scheme/ Building Material- Fly Ash	Particle retained on 45 micron IS sieve
577	TESTING-MECHANICAL	Simultaneous Scheme/ Building Material- Fly Ash	Soundness by autoclave
578	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Compressive Strength
579	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Fineness (Blaine Air Permeability)
580	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Fineness by Dry Sieving
581	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Setting Time (a) Initial (b) Final
582	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Soundness (Autoclave Method)
583	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Soundness (Le-Chatelier Method)
584	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	10% Fine Value



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585	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Abrasion Value
586	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Bulk Density
587	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Coal & Lignite
588	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Crushing Value
589	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Deleterious Material, Clay Lumps & Soft Fragments
590	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Determinaton of Material Finer Than 75 Micron
591	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Elongation Index
592	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Flakiness Index
593	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Impact Value
594	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Sieve Analysis 80mm-4.75mm
595	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Soundness
596	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Specific Gravity
597	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregates	Water Absorption
598	TESTING-MECHANICAL	Simultaneous Scheme/ Concrete Cubes	Compressive Strength



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599	TESTING-MECHANICAL	Simultaneous Scheme/ Containers (Plastic Cups, Glasses, Bottles, Jars, Pouches) of Natural Mineral Water & Package Drinking Water	Colour Migration
600	TESTING-MECHANICAL	Simultaneous Scheme/ Containers (Plastic Cups, Glasses, Bottles, Jars, Pouches) of Natural Mineral Water & Package Drinking Water	Drop Test
601	TESTING-MECHANICAL	Simultaneous Scheme/ Containers (Plastic Cups, Glasses, Bottles, Jars, Pouches) of Natural Mineral Water & Package Drinking Water	Leakage Test
602	TESTING-MECHANICAL	Simultaneous Scheme/ Containers (Plastic Cups, Glasses, Bottles, Jars, Pouches) of Natural Mineral Water & Package Drinking Water	Water Potability
603	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregates	Bulk Density
604	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregates	Coal & Lignite
605	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregates	Deleterious Material, Clay Lumps
606	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregates	Determinaton of Material Finer Than 75 Micron
607	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregates	Organic Impurities
608	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregates	Sieve Analysis 4.75-0.075mm



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Accreditation Standard	ISO/IEC 17043: 2010	Page No	56 of 57
Certificate Number	PC-1005	Last Amended on	24/02/2022
Validity	29/04/2020 to 28/04/2022*		

*The validity is extended for one year up to 28.04.2023

S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
609	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregates	Soundness
610	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregates	Specific Gravity
611	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregates	Water Absorption
612	TESTING-MECHANICAL	Simultaneous Scheme/ High Strength Deformed Bars	Bend Test
613	TESTING-MECHANICAL	Simultaneous Scheme/ High Strength Deformed Bars	Elongation
614	TESTING-MECHANICAL	Simultaneous Scheme/ High Strength Deformed Bars	Rebend Test
615	TESTING-MECHANICAL	Simultaneous Scheme/ High Strength Deformed Bars	Tensile Strength
616	TESTING-MECHANICAL	Simultaneous Scheme/ High Strength Deformed Bars	Weight Per Meter
617	TESTING-MECHANICAL	Simultaneous Scheme/ High Strength Deformed Bars	Yield Strength
618	TESTING-MECHANICAL	Simultaneous Scheme/ Paver Block	Compressive Strength
619	TESTING-MECHANICAL	Simultaneous Scheme/ Paver Block	Dimension
620	TESTING-MECHANICAL	Simultaneous Scheme/ Paver Block	Water Absorption
621	TESTING-MECHANICAL	Simultaneous Scheme/ Soil	CBR
622	TESTING-MECHANICAL	Simultaneous Scheme/ Soil	Free Swell Index
623	TESTING-MECHANICAL	Simultaneous Scheme/ Soil	Heavy Compaction
624	TESTING-MECHANICAL	Simultaneous Scheme/ Soil	Light Compaction Test (Standard) (i) Dry Density



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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
625	TESTING-MECHANICAL	Simultaneous Scheme/ Soil	Light Compaction Test (Standard) (ii) Optimum Moisture Content
626	TESTING-MECHANICAL	Simultaneous Scheme/ Soil	Liquid Limit
627	TESTING-MECHANICAL	Simultaneous Scheme/ Soil	Plastic Limit
628	TESTING-MECHANICAL	Simultaneous Scheme/ Soil	Shrinkage Index
629	TESTING-MECHANICAL	Simultaneous Scheme/ Soil	Shrinkage Limit (Remoulded Soil)
630	TESTING-MECHANICAL	Simultaneous Scheme/ Soil	Sieve Analysis
631	TESTING-MECHANICAL	Simultaneous Scheme/ Soil	Specific Gravity
632	TESTING-MECHANICAL	Simultaneous Scheme/ Soil and Rock - Stones	Dry density
633	TESTING-MECHANICAL	Simultaneous Scheme/ Soil and Rock - Stones	Moisture content
634	TESTING-MECHANICAL	Simultaneous Scheme/ Soil and Rock - Stones	Porosity
635	TESTING-MECHANICAL	Simultaneous Scheme/ Soil and Rock - Stones	Specific Gravity
636	TESTING-MECHANICAL	Simultaneous Scheme/ Soil and Rock - Stones	Water Absorption
637	TESTING-MECHANICAL	Simultaneous Scheme/ Tiles	Chemical Resistance
638	TESTING-MECHANICAL	Simultaneous Scheme/ Tiles	Dimensions
639	TESTING-MECHANICAL	Simultaneous Scheme/ Tiles	Scratch Hardness
640	TESTING-MECHANICAL	Simultaneous Scheme/ Tiles	Water Absorption
641	TESTING-NON-DESTRUCTIVE	Simultaneous Scheme/ Testing Building Materials	Rebound Hammer test
642	TESTING-NON-DESTRUCTIVE	Simultaneous Scheme/ Testing Building Materials	Ultrasonic Pulse Velocity testing