



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

PTP Name :

CRYSTAL QUALITY PT PROVIDER, FIRST FLOOR, OFFICE NO.124, ORCHID
HARMONY, PALANPOR, SURAT, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17043: 2023

Certificate Number

PC-1120

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Validity

10/09/2025 to 09/09/2029

Last Amended on

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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
1	TESTING-CHEMICAL	Sampling Scheme/ Atmospheric Pollution- Ambient Noise Levels (Excluding vibration)	Noise Level measurement
2	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Calcium
3	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Magnesium
4	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Phosphate (as PO ₄)
5	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Potassium
6	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Sodium
7	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water	Phenolic Compounds as (C ₆ H ₅ OH)
8	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water	Oil & Grease
9	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Swimming Pool Water, Industrial Water,	Calcium (as Ca)



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10	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Ground Water, Surface Water	Biochemical Oxygen Demand (BOD)
11	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Ground Water, Surface Water, Industrial Water	Chemical Oxygen Demand (COD)
12	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Lithium
13	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Ammoniacal Nitrogen
14	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Antimony
15	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Arsenic
16	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Beryllium
17	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Boichemical Oxygen Demand (BOD)
18	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Calcium
19	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Calcium (as Ca)
20	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Calcium (as CaCO ₃)



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21	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Chemical Oxygen Demand (COD)
22	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Chloride
23	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Cobalt
24	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Colour
25	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Fluoride
26	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Iron
27	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Iron (as Fe)
28	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Lithium (as Li)
29	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Magnesium
30	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Magnesium (as Mg)



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31	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Nitrate Nitrogen
32	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Nitrite Nitrogen
33	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Odour
34	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Oil & Grease
35	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	pH
36	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Phenolic compounds (as C ₆ H ₅ OH)
37	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Sulphate
38	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Sulphide
39	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Thallium
40	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Total Dissolved solids



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41	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Total Fixed Solid
42	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Total Hardness (as CaCO ₃)
43	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Total Kjeldahl Nitrogen
44	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Total Suspended solids
45	TESTING-CHEMICAL	Simultaneous Scheme/ Pollution & Environment -Waste Water (Effluents/Sewage)	Turbidity
46	TESTING-CHEMICAL	Simultaneous Scheme/ Residues and Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Arsenic
47	TESTING-CHEMICAL	Simultaneous Scheme/ Residues and Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Beryllium
48	TESTING-CHEMICAL	Simultaneous Scheme/ Residues and Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Iron
49	TESTING-CHEMICAL	Simultaneous Scheme/ Residues and Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Lithium



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50	TESTING-CHEMICAL	Simultaneous Scheme/ Residues and Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Zinc (as Zn)
51	TESTING-CHEMICAL	Simultaneous Scheme/ Residues And Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Silica
52	TESTING-CHEMICAL	Simultaneous Scheme/ Residues and Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Swimming Pool Water	Aluminium (as Al)
53	TESTING-CHEMICAL	Simultaneous Scheme/ Residues and Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Aluminium
54	TESTING-CHEMICAL	Simultaneous Scheme/ Residues And Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Lithium (as Li)
55	TESTING-CHEMICAL	Simultaneous Scheme/ Residues And Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Silver (as Ag)
56	TESTING-CHEMICAL	Simultaneous Scheme/ Residues And Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Thallium



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57	TESTING-CHEMICAL	Simultaneous Scheme/ Residues And Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Wate	Silica (as molybdate reactive silica)
58	TESTING-CHEMICAL	Simultaneous Scheme/ Residues And Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water	Iron
59	TESTING-CHEMICAL	Simultaneous Scheme/ Residues and Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water, Swimming Pool Water	Iron (as Fe)
60	TESTING-CHEMICAL	Simultaneous Scheme/ Residues And Contaminants In Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water,	Hexavalent Chromium
61	TESTING-CHEMICAL	Simultaneous Scheme/ Water - Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water	Total Alkalinity (as CaCO ₃)
62	TESTING-CHEMICAL	Simultaneous Scheme/ Water - Ground Water	Settleable Solids
63	TESTING-CHEMICAL	Simultaneous Scheme/ Water - Swimming Pool Water, Industrial Water	Total Hardness
64	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water	Iron
65	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water	Iron (as Fe)



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66	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Nitrite Nitrogen
67	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Sulphite
68	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water	Total Hardness (as CaCO ₃)
69	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water	Fluoride
70	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water	Sodium (as Na)
71	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water	Total Solids
72	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Construction Water	Acidity (as CaCO ₃)
73	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water	Ammonical Nitrogen
74	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water	Conductivity



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75	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water	Nitrate Nitrogen
76	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water	Potassium (as K)
77	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water,	Sulphide
78	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water, Construction Water	Sulphate
79	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Industrial Water, Construction Water	Total Suspended solids
80	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Swimming Pool Water	Odour
81	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Swimming Pool Water, Industrial Water	Calcium (as CaCO ₃)



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82	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Swimming Pool Water, Industrial Water	Colour
83	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Swimming Pool Water, Industrial Water	Dissolved Oxygen (DO)
84	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Swimming Pool Water, Industrial Water	Magnesium (as Mg)
85	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Swimming Pool Water, Industrial Water	Turbidity
86	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Swimming Pool Water, Industrial Water, Construction Water	Chloride
87	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Swimming Pool Water, Industrial Water, Construction Water	pH



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88	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Drinking Water, Packaged Drinking Water, Ground Water, Surface Water, Swimming Pool Water, Industrial Water, Construction Water	Total Dissolved solids
89	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Ground Water, Surface Water	Total Kjeldahl Nitrogen
90	TESTING-CHEMICAL	Simultaneous Scheme/ Water- Swimming Pool Water, Construction Water	Total Alkalinity