SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	1 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air/ Surface (Environment Monitoring)	Total Plate Count /Total Bacterial Count	UERL/BIO/SOP/14
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air/ Surface (Environment Monitoring)	Yeast and Mould Count	UERL/BIO/SOP/14
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air/ Surface (Hygiene Swab, Surface Swab, Hand Swab, Equipment Swab, Product Swab etc.)	E.coli	UERL/BIO/SOP/15
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air/ Surface (Hygiene Swab, Surface Swab, Hand Swab, Equipment Swab, Product Swab etc.)	Salmonella spp.	UERL/BIO/SOP/15
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air/ Surface (Hygiene Swab, Surface Swab, Hand Swab, Equipment Swab, Product Swab etc.)	Total Plate Count/Total Bacterial Count	UERL/BIO/SOP/15
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air/ Surface (Hygiene Swab, Surface Swab, Hand Swab, Equipment Swab, Product Swab etc.)	Yeast and Mould Count	UERL/BIO/SOP/15
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water/ Sewage	Coliform Test	APHA 23rd Ed.9221 D 9-75
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water/ Sewage	E.coli	IS 1622
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water/ Sewage	Faecal streptococci/ Enterococci	IS 1622 (Multitube Fermentation Technique - MPN)
10	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water/ Sewage	Heterotrophic Plate Count (Total Bacterial Count/Total Plate Count)	APHA 23rd Ed.9215 C 9-57
11	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water/ Sewage	Intestinal Enterococci	IS 15186 (Membrane Filtration Technique)
12	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water/ Sewage	Pseudomonas aeruginosa	APHA 23rd Ed.9213-E,9-51 (Membrane Filtraion Technique)
13	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water/ Sewage	Salmonella spp.	IS 15187

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	2 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
14	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water/ Sewage	Standard Total Coliform	APHA 23rd Ed.9221 B 9-69
15	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water/ Sewage	Standard Total Coliform	APHA 23rd Ed.9222 B 9-82
16	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water/ Sewage	Thermotolarent (Fecal) Coliforms	APHA 23rd Ed.9222 D 9-89
17	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water/ Sewage	Thermotolarent (Fecal) Coliforms	IS 1622
18	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sediment	Benthic Macroinvertebrates	APHA 23rd Edition,10500 A
19	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sediment	Macrophyte Identification	APHA 23rd Edition,10400 A
20	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	Coliform Test	APHA 23rd Ed., 9221-D, 9-75
21	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	E.coli	IS 15185
22	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	E.coli	IS 1622
23	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	Faecal Streptococci/ Enterococci	IS 1622
24	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	Heterotrophic Plate Count (Total Bacterial Count/Total Plate Count)	APHA 23rd Ed., 9215-C, 9-57
25	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	Intestinal Enterococci	IS 15186
26	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	Pseudomonas aeruginosa	APHA 23rd Ed., 9213 E, 9-51
27	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	Salmonella spp.	IS 15187
28	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	Standard Total Coliform	APHA 23rd Ed., 9221-B, 9-69
29	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	Standard Total Coliform	APHA 23rd Ed., 9222-B, 9-82

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	3 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
30	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	Thermotolarent (Fecal) Coliform	APHA 23rd Ed., 9222-D, 9-89
31	BIOLOGICAL- WATER	Drinking Water/ Ground Water/ Surface Water/ Distilled / Demineralized water (R.O. water)	Thermotolarent (Fecal) Coliform	IS 1622
32	BIOLOGICAL- WATER	Ground water/ Surface water	Chlorophyll estimation	APHA 23rd Ed., 10200 H, 10-22
33	BIOLOGICAL- WATER	Ground water/ Surface water	Estimation of Primary Productivity	APHA 23rd Ed., 10300-D, 10-41
34	BIOLOGICAL- WATER	Ground Water/ Surface Water	Phytoplankton Counting Technique	APHA 23rd Edition,10200 A-G
35	BIOLOGICAL- WATER	Ground Water/ Surface Water	Various Diversity Index	APHA 23rd Edition,10400-D
36	BIOLOGICAL- WATER	Ground Water/ Surface Water	Zooplankton Counting	APHA 23rd Edition,10200-G
37	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia	IS 5182 (Part -25) (Indophenol Method)
38	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia	SOP No. UERL/AIR/SOP/05 Issue No.03 September 01
39	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic	IS 5182 (Part 22) (AAS Method)
40	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Benzene	IS 5182 (Part 11) (GC Method)
41	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Benzo(a) pyrene	IS 5182 (Part 12) (GC Method)
42	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Carbon Disulphide as CS2	IS 5182 (Part 20) (Colorimetric method)
43	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Carbon Monoxide	IS 5182 (Part 10) (Indicator Tube Method)
44	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Carbon Monoxide as CO	IS 5182 (Part 10) (NDIR Method)
45	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Chlorine as Cl2	IS 5182 (Part 19) (Methyl Orange Method)
46	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Fluorine	IS 5182 (Part 13) (Ion Selective Electrode Method)
47	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Hydrogen Flouride as HF	IS 5182 (Part 13) :(Zirconium-SPAND Method)
48	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Hydrogen Sulphide as H2S	IS 5182 (Part 07) (Colorimetric method)
49	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead	IS 5182 (Part 22) (AAS Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	4 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
50	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nickel	IS 5182 (Part 26) (AAS Method)
51	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Oxides of Nitrogen	IS 5182 (Part 6) (Jacob & Hochheiser)
52	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone	IS 5182 (Part 9) (Buffer KI Method)
53	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter PM10	IS 5182 (Part 23) (Gravimetric Method)
54	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate Matter PM2.5	IS 5182 (Part 24) (Gravimetric Method)
55	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Poly Aromatic Hydrocarbons	IS 5182 (Part 12) (GC Method)
56	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphar Dioxide	IS 5182 (Part 2) (West & Geake Method)
57	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Volatile Organic Compound	IS: 5182 (Part-11) (GC Method)
58	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere	Pressure (HPA)	SOP No. UERL/AIR/SOP/74, Issue No. 01, October 01
59	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere	Relative Humidity (%)	SOP No. UERL/AIR/SOP/74, Issue No. 01, October 01
60	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere	Solar Radiation	SOP No. UERL/AIR/SOP/74 Issue No.01 December 01
61	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere	Temperature(°C)	SOP No. UERL/AIR/SOP/74, Issue No. 01, October 01
62	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere	Wind Direction	SOP No. UERL/AIR/SOP/74, Issue No. 01, October 01
63	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere	Wind Speed (m/s)	SOP No. UERL/AIR/SOP/74, Issue No. 01, October 01
64	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Ammonia	IS 5182 (Part - 25) (Indophenol Method)
65	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Ammonia as NH3	SOP No. UERL/AIR/SOP/43, Issue No:01 October 01
66	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Arsenic as As	IS 5182 (Part 22) (AAS Method)
67	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Benzene	IS 5182 (Part 11) (GC Method)
68	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Benzo (a) pyrene	IS 5182 (Part 12) (GC Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	5 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
69	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Carbon Disulphide as CS2	IS 5182 (Part 20) (Colorimetric Method)
70	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Carbon Monoxide	IS 5182 (Part 10) (Indicatore Tube Method & NDIR Method)
71	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Chloride Content as Cl-	SOP No. UERL/AIR/SOP/51, Issue No:01, October 01
72	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Chlorine as Cl2	IS 5182 (Part 19) (Methyl Orange Method)
73	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Fluorine	IS 5182 (Part 13) (Ion Selective Electrode Method)
74	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Hydrogen Flouride as HF	IS 5182 (Part 13) (Zirconium - SPAND Method)
75	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Hydrogen Sulphide as H2S	IS 5182 (Part 07) (Colorimetric method)
76	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Lead as pb	IS-5182 (Part-22) (AAS Method)
77	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Nickel as Ni	IS 5182 (Part 26) (AAS Method)
78	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Oxides of Nitrogen as NO2	IS 5182 (Part 6) (Jacob & Hochheiser Method)
79	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Ozone	IS 5182 (Part 9) (Buffer KI Method)
80	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Particulate Matter PM10	IS 5182 (Part 23) (Gravimetric Method)
81	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Particulate Matter PM2.5	IS 5182 (Part -24) (Gravimetric Method)
82	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Poly Aromatic Hydrocarbons	IS 5182 (Part 12) (GC Method)
83	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Sulphur Dioxide as SO2	IS-5182(Part-2) (West & Geake Method)
84	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Volatile Organic Compound	IS: 5182 (Part-11) (GC Method)
85	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Ammonia as NH3	IS-11255(Part-6) (Distillation-Titration Method)
86	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Carbon Disulphide as CS2	IS-11255(Part-4) (Titration Method)
87	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Chlorine as Cl2	SOP No. UERL/AIR/SOP/107, Issue No. 01, October 01

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	6 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
88	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Fluorine	IS-11255(Part-5) (Ion Selective Electrode method)
89	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Hydrogen Flouride as HF	IS-11255(Part-5) (Ion Selective Electrode Method)
90	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Hydrogen Sulphide as H2S	IS: 11255 (Part 4) (Titration Method)
91	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Lead as pb	SA EPA METHOD 03.07.
92	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Oxides of Nitrogen as NOx	IS-11255(Part-7) (PDS Method)
93	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Particulate Matter	IS 11255(Part -1) (Gravimetric Method)
94	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Sulphur Dioxide as Sox	IS-11255(Part-2) (Barium Thorin Titration Method)
95	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Sulphur Trioxide as SO3/Acid Mist	SA EPA Method 03.02
96	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissios	Total Acidity	SA EPA Method 03.11
97	CHEMICAL- ATMOSPHERIC POLLUTION	Process/Vent Emissions	Antimony	SA EPA METHOD 03.07.
98	CHEMICAL- ATMOSPHERIC POLLUTION	Process/Vent Emissions	Arsenic as As	SA EPA METHOD
99	CHEMICAL- ATMOSPHERIC POLLUTION	Process/Vent Emissions	Cadmium as cd	SA EPA METHOD 03.07.
100	CHEMICAL- ATMOSPHERIC POLLUTION	Process/Vent Emissions	Copper as cu	SA EPA METHOD 03.07.
101	CHEMICAL- ATMOSPHERIC POLLUTION	Process/Vent Emissions	Nickle	SOP No.: UERL/AIR/SOP/71 Issue No.01 December 01
102	CHEMICAL- ATMOSPHERIC POLLUTION	Process/Vent Emissions	Oxides of Nitrogen	IS 11255 (Part - 7) (PDS Method)
103	CHEMICAL- ATMOSPHERIC POLLUTION	Process/Vent Emissions	Sulphur Dioxide	IS 11255 (Part-2) (Barium Thorin Titration Method)
104	CHEMICAL- ATMOSPHERIC POLLUTION	Process/Vent Emissions	Zinc	Sop No UERL/AIR/SOP/71 Issue No. 01 December 01
105	CHEMICAL- ATMOSPHERIC POLLUTION	Rain (Liquid precipitation)	Rainfall (mm)	SOP No. UERL/AIR/SOP/74, Issue No. 01, October 01
106	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Ammonia as NH3	IS 11255 (Part 6) (Distillation Titration Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	7 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
107	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Antimony	SA EPA METHOD 03.07
108	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Arsenic as As	SA EPA METHOD 03.07.
109	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Cadmium as cd	SA EPA METHOD 03.07.
110	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Disulphide as CS2	IS 11255 (Part 04) (Titration Method)
111	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Chlorine as Cl2	SOP No. UERL/AIR/SOP/31 Issue No.03 September 01
112	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	copper as cu	SA EPA METHOD 03.07
113	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Fluorine	IS-11255(Part-5) (Ion Selective Electrode Method)
114	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Hydrochloric Acid (HCl)	SOP No. UERL/AIR/SOP/35, Issue No. 01, October 01
115	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Hydrogen Flouride as HF	IS: 11255 (Part 5) (Ion Selective Electrode Method)
116	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Hydrogen Sulphide as H2S	IS 11255 (Part 4) (Titration Method)
117	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Lead as pb	SA EPA METHOD 03.07
118	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Nickle	SOP No. UERL/AIR/SOP/89 Issue No.01 December 01
119	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen	IS 11255 (Part 7) (PDS Method)
120	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen	IS 11255 (Part-7) (PDS Method)
121	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter	IS 11255 (Part 1) (Gravimetric Method)
122	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide	IS 11255 (Part 2) (Barium Thorin Titration Method)
123	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide	IS 11255 (Part-2) (Barium Thorin Titration Method)
124	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Trioxide as SO3/ Acid mist	SA EPA Method 03.02
125	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Total Acidity	SA EPA Method 03.11

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	8 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
126	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Volatile Organic Compound	SOP No. UERL/AIR/SOP/39, Issue No. 01, October 01
127	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Zinc	SOP No. UERL/AIR/SOP/89 Issue No. 01 December 01
128	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Ammonia as NH3	NIOSH:6015
129	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Arsenic	NIOSH 7900
130	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Benzo (a) pyrene	NIOSH 5515
131	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Carbon Disulfide CS2	NIOSH 1600
132	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Carbon Monoxide	SOP No: UERL/AIR/SOP/064 Issue No.:01 October 1
133	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Fluorides	NIOSH 7902
134	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Lead	NIOSH 7082 (AAS Method)
135	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Oxides of Nitrogen as NO2	NIOSH:6700
136	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Ozone	SOP No:UERL/AIR/SOP/053 Issue No:01 October 1
137	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Respirable Dust	NIOSH 600
138	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Total Dust	NIOSH 500
139	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Corrosivity	CPCB LATS/16/2002-03 Chapter 7 Page 167 (pH Measurement Method)
140	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Toxicity	EPA 846 Chapter 7 (Visible Method)
141	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Boron	SOP No. UERL/CHM/LTM/78 Issue No. 03 September 01
142	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Nitrogen	SOP No. UERL/CHM/LTM/80 Issue No. 03 September 01
143	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorus as P	Lab SOP No. UERL/CHM/SOP/151 Issue No:01 Issue Date:01/12/2019

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	9 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
144	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium	SOP No. UERL/CHM/LTM/93 Issue No. 03 September 01
145	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available sulpher as So4--S	SOP No. UERL/CHM/LTM/94 Issue No:01 Sept. 01
146	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Bi-Carbonate	Lab SOP No. UERL/CHM/SOP/153 Issue No:01 December 01
147	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bulk Density	SOP No. UERL/CHM/SOP/149 Issue No. 01 December 01
148	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cadmium as Cd	EPA 3050B/7000B SW-846 Method (Digestion &Analytical Method)
149	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium Carbonate	IS 2720 (Part 23) (Titration Method)
150	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cation exchange capacity (CEC)	SOP No. UERL/CHM/LTM/79 Issue No. 03 September 01
151	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chloride as Cl	SOP No. UERL/CHM/LTM/90 Issue No. 03 September 01
152	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chromium (Total) as Cr	EPA 3050B/7000B SW-846 Method (Digestion &Analytical Method)
153	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Colour	Munsell Soil Colour Chart-2009 Hue: 5R,7.5R,10R, 2.5 YR, 5Y, 2.5Y, 5YR, 7.5YR, 10YR,
154	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Copper as Cu	EPA 3050B/7000B SW-846 Method (Digestion &Analytical Method)
155	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electric Conductivity	IS 14767(Conductivity Meter Method)
156	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Calcium as Ca2+ plus Magnesium as Mg2+	SOP No. UERL/CHM/LTM/88 Issue No 03 September 01
157	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Sodium %	SOP No. UERL/CHM/LTM/104 Issue No. 03 September 01
158	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Fluoride as F	SOP No. UERL/CHM/LTM/69 Issue No. 03 September 01
159	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Iron as Fe	EPA 3050B/7000B SW-846 Method (Digestion &Analytical Method)

SCOPE OF ACCREDITATION

Laboratory Name : UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7753 **Page No** 10 of 41

Validity 23/09/2022 to 22/09/2024 **Last Amended on** 22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
160	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Lead as Pb	EPA 3050B/7000B SW-846 Method (Digestion &Analytical Method)
161	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Manganese as Mn	EPA 3050B/7000B SW-846 Method (Digestion &Analytical Method)
162	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Mercury as Hg	EPA 7471 B (VGA AAS Method)
163	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture	SOP No. UERL/CHM/LTM/86 Issue No. 03 September 01
164	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nickel as Ni	EPA 3050B/7000B SW-846 Method (Digestion &Analytical Method)
165	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nitrate Nitrogen	SOP No. UERL/CHM/LTM/68 Issue No. 03 September 01
166	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nitrite Nitrogen	SOP No. UERL/CHM/LTM/97 Issue No. 03 September 01
167	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Oil & Grease	EPA 9071 B (Extractable Method)
168	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic carbon	IS 2720 (Part 22) (Walkley & Black Method)
169	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part 22) (Walkley & Black Method)
170	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH Value	IS 2720 (Part 26) (PH Meter)
171	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Phosphorus as P	IS 10158 B (Stannous Chloride Method)
172	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium Absorption Ratio	SOP No. UERL/CHM/LTM/85 Issue No. 03 September 01
173	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sulphate As SO4	Lab SOP No. UERL/CHM/SOP/152 Issue No. 01 December 01
174	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Texture	SOP No. UERL/CHM/LTM/108 Issue No. 03 September 01
175	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Kjedhal Nitrogen as N	IS 14684 (Distillation and Titrimetric Method)
176	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total water soluble solids	IS 2720 (Part 21) (Filtration and Gravimetric Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	11 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
177	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Holding Capacity (WHC)	Lab SOP No. UERL/CHM/SOP/150 Issue No. 01 December 01
178	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Soluble Potassium	SOP No. UERL/CHM/LTM/84 Issue No. 03 September 01
179	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Soluble Sodium	SOP No. UERL/CHM/LTM/89 Issue No. 03 September 01
180	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Zinc as Zn	EPA 3050B/7000B SW-846 Method (Digestion &Analytical Method)
181	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	1-Methylnephthalene	USEPA 8100
182	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	2-Methylnephthalene	USEPA 8100
183	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Acenaphthalene	USEPA 8100
184	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Acenaphthene	USEPA 8100
185	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Anthracene	USEPA 8100
186	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Benz(a)anthracene	USEPA 8100
187	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Benzo(a)pyrene	USEPA 8100
188	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Benzo(b)Fluoranthene	USEPA 8100
189	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Benzo(g,h,i)perylene	USEPA 8100
190	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Benzo(k)Fluoranthene	USEPA 8100
191	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Chrysene	USEPA 8100
192	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Dibenz(a,h)anthracene	USEPA 8100
193	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Fluoranthene	USEPA 8100
194	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Fluorene	USEPA 8100

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	12 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
195	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Indeno (1,2,3-cd)pyrene	USEPA 8100,
196	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Nephthalene,	USEPA 8100,
197	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Phenanthrene	USEPA 8100,
198	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PAHs)	Pyrene	USEPA 8100,
199	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,2',5-Trichlorobiphenyl (PCB-18)	USEPA 8082 A
200	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB-180)	USEPA 8082 A
201	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB-138)	USEPA 8082 A
202	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,2',3,4',5',6-Hexachlorobiphenyl (PCB-149)	USEPA 8082 A
203	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,2',3,5'-Tetrachlorobiphenyl (PCB-44)	USEPA 8082 A
204	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB-153)	USEPA 8082 A
205	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,2',5,5'-Tetrachlorobiphenyl (PCB-52)	USEPA 8082 A
206	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,3,3',4'.6-Pentachlorobiphenyl (PCB-110	USEPA 8082 A
207	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,3',4,4',5-Pentachlorobiphenyl (PCB-118)	USEPA 8082 A
208	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,3',4',5-Tetrachlorobiphenyl (PCB-70)	USEPA 8082 A
209	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,4,4'-Trichlorobiphenyl (PCB-28)	USEPA 8082 A
210	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	2,4'-Dichlorobiphenyl (PCB-8)	USEPA 8082 A
211	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Particle Density	SOP No. UERL/CHM/SOP/220 Issue No. 01, July 14
212	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Porosity	SOP No. UERL/CHM/SOP/221 Issue No. 01 July 14
213	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments (PCBs)	4-Chlorobiphenyl (PCB-3)	USEPA 8082 A

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	13 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
214	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Aldrin	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
215	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	cis-Chlordane	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
216	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	delta-BHC	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
217	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organophosphorus Pesticides	Chlorpyrifos	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8141 B
218	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	4,4-DDT	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
219	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	alpha-BHC	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
220	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	beta-BHC	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
221	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Dieldrin	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
222	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Endosulfan I	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
223	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Endrin aldehyde	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
224	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Endrin Ketone	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
225	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	4,4-DDD	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
226	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Endosulfan II	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
227	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Endosulfan Sulfate	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	14 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
228	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Endrin	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
229	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	gamma- BHC	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
230	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Heptachlor	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
231	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Heptachlor epoxide	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
232	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Methoxychlor	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
233	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides	Trans-Chlordane	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8081 B
234	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organophosphorus Pesticides	Diazinon	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8141 B
235	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organophosphorus Pesticides	Dimethoate	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8141 B
236	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organophosphorus Pesticides	Malathion	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8141 B
237	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organophosphorus Pesticides	Phorate	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8141 B
238	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organophosphorus Pesticides	Terbufos	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8141 B
239	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organophosphorus Pesticides	Parathion (Ethyl Parathion)	CPCB,LATS/16/2002-03 Chapter 6,page 131 USEPA 8141 B
240	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments - Organochlorine Pesticides (OCPs)	4,4'- DDE	CPCB, LATS/16/2002-03 Chapter 6, page 131, EPA 8081B,
241	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments(PCBs)	2-Chlorobiphenyl (PCB-1)	USEPA 8082 A,

SCOPE OF ACCREDITATION

Laboratory Name : UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7753 **Page No** 15 of 41

Validity 23/09/2022 to 22/09/2024 **Last Amended on** 22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
242	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil	Water Content	ASTM D – 6304,
243	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB-180)	USEPA 600/4-81-045 :
244	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB-138)	USEPA 600/4-81-045 :
245	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,2',3,4',5',6-Hexachlorobiphenyl (PCB-149)	USEPA 600/4-81-045 :
246	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,2',3,5'-Tetrachlorobiphenyl (PCB-44)	USEPA 600/4-81-045 :
247	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB-153)	USEPA 600/4-81-045 :
248	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,2',5,5'-Tetrachlorobiphenyl (PCB-52)	USEPA 600/4-81-045 :
249	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,2',5-Trichlorobiphenyl (PCB-18)	USEPA 600/4-81-045 :
250	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,3,3',4',6-Pentachlorobiphenyl (PCB-110)	USEPA 600/4-81-045 :
251	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,3',4,4',5-Pentachlorobiphenyl (PCB-118)	USEPA 600/4-81-045 :
252	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,3',4',5-Tetrachlorobiphenyl (PCB-70)	USEPA 600/4-81-045 :
253	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,4 '- Dichlorobiphenyl (PCB-8)	USEPA 600/4-81-045 :
254	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2,4,4'-Trichlorobiphenyl (PCB-28)	USEPA 600/4-81-045 :
255	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	2-Chlorobiphenyl (PCB-1)	USEPA 600/4-81-045 :
256	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Poly Chlorinated Biphenyls (PCBs)	4-chlorobiphenyl(PCB-3)	USEPA 600/4-81-045 :
257	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	1-Methylnephthalene	USEPA 8100
258	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	2-Methylnephthalene	USEPA 8100
259	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Acenaphthene	USEPA 8100
260	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Acenaphthylene	USEPA 8100

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	16 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
261	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Anthracene	USEPA 8100
262	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Benz(a)anthracene	USEPA 8100
263	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Benzo(a)pyrene	USEPA 8100
264	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Benzo(b)Fluoranthene	USEPA 8100
265	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Benzo(g,h,i)perylene	USEPA 8100
266	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Benzo(k)Fluoranthene	USEPA 8100
267	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Chrysene	USEPA 8100
268	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Dibenz(a,h)anthracene	USEPA 8100
269	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Fluoranthene	USEPA 8100
270	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Fluorene	USEPA 8100
271	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Indeno (1,2,3-cd)pyrene	USEPA 8100
272	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Nephthalene	USEPA 8100
273	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Phenanthrene	USEPA 8100
274	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste Oil - Polycyclic aromatic hydrocarbons (PAHs)	Pyrene	USEPA 8100
275	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Conductivity	EPA 9050A SW 846 (Conductivity Meter Method)
276	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Nitrate as NO3	CPCB LATS/16/2002-03 Chapter5 Page 73 (ISE Method)
277	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Oil & Grease	EPA 9071B SW 846 (Extractable Method)
278	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Phosphate as PO4-	CPCB LATS/16/2002-03 Chapter 5 Page 89 (UV Spectrophotometer Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	17 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
279	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid)	Reactivity	EPA 846 Chapter 7 (Visible Method)
280	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid	pH Value	EPA 9045 D SW-846 (pH Meter Method)
281	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Ammonia	SOP No. UERL/CHM/LTM/70 Issue No. 03 September 01
282	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Arsenic as As	EPA 7061 A SW-846 (GTA AAS Method)
283	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Chromium as Cr+6	EPA 7196 A SW-846 (Extraction Spectrophotometer Method)
284	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Cyanide as CN	EPA 9010 & 9213 SW-846 (ISE Method)
285	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Fluoride as F	SOP No. UERL/CHM/LTM/127 Issue No. 03 September 01
286	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Loss on Ignition @ 550 °C	APHA 23rd Edition, 2540 G (Gravimetric Method)
287	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Mercury as Hg	EPA 7471 B SW-846 (VGA AAS Method)
288	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Moisture	SOP No. UERL/CHM/LTM/135 Issue No. 03 September 01
289	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Nitrite Nitrogen	SOP No. UERL/CHM/LTM/128 Issue No. 03 September 01
290	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	TCLP (Toxicity Characteristic Leaching Procedure for metal detection)	SOP No. UERL/CHM/LTM/65 Issue No. 03 September 01
291	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Barium as Ba	EPA 1311/7000B SW-846 Method (Extraction &Analytical Method)
292	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Cadmium as Cd	EPA 1311/7000B SW-846 Method (Extraction &Analytical Method)
293	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Calorific Value	IS 1350 (Part 2) (Bomb Calorimeter Method)
294	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Copper as Cu	EPA 1311/7000B SW-846 Method (Extraction &Analytical Method)
295	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Flash Point	ASTM D-93

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	18 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
296	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Iron as Fe	EPA 1311/7000B SW-846 Method (Extraction &Analytical Method)
297	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Lead as Pb	EPA 1311/7000B SW-846 Method (Extraction &Analytical Method)
298	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Manganese as Mn	EPA 1311/7000B SW-846 Method (Extraction &Analytical Method)
299	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Nickel as Ni	EPA 1311/7000B SW-846 Method (Extraction &Analytical Method)
300	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Total Chromium as Cr	EPA 1311/7000B SW-846 Method (Extraction &Analytical Method)
301	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/ Semi-Solid)	Zinc as Zn	EPA 1311/7000B SW-846 Method (Extraction &Analytical Method)
302	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent / Sewage)	Measurement of toxicity factor using zebra fish (dimensionless toxicity test)	IS 6582 (Part-II)
303	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent/ Sewage)	Bioassay method for evaluation of toxicity using fish (90% survival of fish after 96 hrs in 100% effluent)	IS 6582
304	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Antimony (Sb)	APHA 23rd Edition, 3500-Sb, 3-106 (Direct Nitrous Oxide-Acetylene Flame Method)
305	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Chlorine demand	APHA 23rd Edition, 2350 B, 2-52 (Titration Method)
306	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Chlorine demand	IS: 3025 (Part 25) (Titration Method)
307	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Colour	IS 3025 (Part 4) (Visual Comparison Method)
308	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Flocculation test (Jar test)	IS 3025 (Part 50) (Coagulation Test)
309	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Iodine	APHA 23rd Edition, 4500 I- B, 4-103 (Leuco Crystal Violet Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	19 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
310	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Lithium (Li)	APHA,23rd Edition, 3500-Li B, 3-85 (Flame Emission Photometric Method)
311	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Selenium (Se)	APHA 23rd Edition, 3114-C, 3-40 (By VGA AAS Method)
312	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Settleable Solids	APHA 23rd Edition, 2540 F, 2-72 (Gravimetric Method)
313	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Tannin & lignin	APHA 23rd Edition, 5550 B, 5-61 (Colorimetric method)
314	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Temperature	IS: 3025 (Part 9) (Thermometer Method)
315	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Tin (Sn)	APHA 23rd Edition, 3111-B, 3-20 (Direct Air Acetylene Flame Method)
316	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Vanadium (V)	APHA 23rd Edition, 3500-V, 3-103 (Direct Nitrous Oxide-Acetylene Flame Method)
317	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Organophosphorus Pesticides	Chlorpyrifos	USEPA 8141 B
318	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Organophosphorus Pesticides	Diazinon	USEPA 8141 B
319	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Organophosphorus Pesticides	Dimethoate	USEPA 8141 B
320	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Organophosphorus Pesticides	Malathion	USEPA 8141 B
321	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Organophosphorus Pesticides	Parathion (Ethyl Parathion)	USEPA 8141 B
322	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Organophosphorus Pesticides	Phorate	USEPA 8141 B
323	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Organophosphorus Pesticides	Terbufos	USEPA 8141 B
324	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	4,4-DDD	USEPA 8081 B
325	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	4,4-DDE	USEPA 8081 B
326	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	4,4-DDT	USEPA 8081 B
327	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Aldrin	USEPA 8081 B

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	20 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
328	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	alpha-BHC	USEPA 8081 B
329	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	beta-BHC	USEPA 8081 B
330	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	cis-Chlordane	USEPA 8081 B
331	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	delta-BHC	USEPA 8081 B
332	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Dieldrin	USEPA 8081 B
333	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Endosulfan I	USEPA 8081 B
334	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Endosulfan II	USEPA 8081 B
335	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Endosulfan Sulfate	USEPA 8081 B
336	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Endrin	USEPA 8081 B
337	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Endrin aldehyde	USEPA 8081 B
338	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Endrin Ketone	USEPA 8081 B
339	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	gamma- BHC	USEPA 8081 B
340	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Heptachlor	USEPA 8081 B
341	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Heptachlor epoxide	USEPA 8081 B
342	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Methoxychlor	USEPA 8081 B
343	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Organochlorine Pesticides	Trans-Chlordane	USEPA 8081 B
344	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Poly Chlorinated Biphenyls (PCBs)	2, 4 '- Dichlorobiphenyl (PCB-8)	EPA 8082 A
345	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Poly Chlorinated Biphenyls (PCBs)	2,2',3,4',5',6-Hexachlorobiphenyl (PCB-149)	EPA 8082 A
346	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Poly Chlorinated Biphenyls (PCBs)	2,3,3',4',6-Pentachlorobiphenyl (PCB-110)	EPA 8082 A

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	21 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
347	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Poly Chlorinated Biphenyls (PCBs)	2,4,4'-Trichlorobiphenyl (PCB-28)	EPA 8082 A
348	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Poly Chlorinated Biphenyls (PCBs)	2-Chlorobiphenyl (PCB-1)	EPA 8082 A
349	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Poly Chlorinated Biphenyls (PCBs)	4-Chlorobiphenyl (PCB-3)	EPA 8082 A
350	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	1-Methylnephthalene	EPA 8100
351	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	2-Methylnephthalene	EPA 8100
352	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Acenaphthalene	EPA 8100
353	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Acenaphthene	EPA 8100
354	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Anthracene	EPA 8100
355	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Benz(a) anthracene	EPA 8100
356	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Benzo(a)pyrene	EPA 8100
357	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Benzo(b)Fluoranthene	EPA 8100
358	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Benzo(g,h,i)perylene	EPA 8100
359	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Benzo(k)Fluoranthene	EPA 8100
360	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Chrysene	EPA 8100
361	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Dibenz(a,h)anthracene	EPA 8100
362	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Fluoranthene	EPA 8100
363	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Fluorene	EPA 8100
364	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Indeno (1,2,3-cd)pyrene	EPA 8100
365	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Nephthalene	EPA 8100

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	22 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
366	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	phenanthrene	EPA 8100
367	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) - Polycyclic aromatic hydrocarbons (PAHs)	Pyrene	EPA 8100
368	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Poly Chlorinated Biphenyls (PCBs)	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB-180)	EPA 8082 A
369	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Poly Chlorinated Biphenyls (PCBs)	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB-138)	EPA 8082 A
370	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Poly Chlorinated Biphenyls (PCBs)	2,2',3,5'-Tetrachlorobiphenyl(PCB-44)	EPA 8082 A
371	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Poly Chlorinated Biphenyls (PCBs)	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB-153)	EPA 8082 A
372	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Poly Chlorinated Biphenyls (PCBs)	2,2',5,5'-Tetrachlorobiphenyl (PCB-52)	EPA 8082 A
373	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Poly Chlorinated Biphenyls (PCBs)	2,2',5-Trichlorobiphenyl (PCB-18)	EPA 8082 A
374	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Poly Chlorinated Biphenyls (PCBs)	2,3',4,4',5-Pentachlorobiphenyl (PCB-118)	EPA 8082 A
375	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage) Poly Chlorinated Biphenyls (PCBs)	2,3',4',5-Tetrachlorobiphenyl (PCB-70)	EPA 8082 A
376	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Settled sludge volume	APHA 23rd Edition, 2710 C 2-93 (Settled sludge vol.)
377	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Raw &Treated Liquid Effluent & Sewage)	Sludge volume index (SVI)	APHA 23rd Edition, 2710 D (Gravimetric Method) 2-94 (SVI);
378	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Mixed liquor Suspended Solids (MLSS)	APHA 23rd Ed. 2540 D 2-70 Filtration & Gravimetric Method
379	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Aluminum as Al	APHA 23rd Ed.2017 3500-Al, Eriochrome Cyanine R Method
380	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Ammonical Nitrogen as N	IS 3025 (Part 34) Titrimetric Method RA 2019
381	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Ammonical Nitrogen as N	APHA 23rd Ed.2017 4500 NH3 B 4-114 &C 4-116
382	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Biochemical Oxygen Demand (BOD) (5 days @ 20 deg C)	APHA 23rd Edition,. 5210 B, 5-6 (Iodometric Method)
383	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Boron	IS: 3025 (Part 57) (Curcumin Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	23 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
384	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Bromide	APHA 23rd Edition, 4500-Br B, 4-30 (Phenol red colorimetric Method)
385	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Cadmium as Cd	IS 3025 (Part 41) (Direct Air Acetylene AAS Method)
386	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Carbonate	IS: 3025 (Part 51) (Calculation Method)
387	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Chemical Oxygen Demand (COD)	APHA 23rd Edition, 5220 B, 5-18 (Open Reflux Method)
388	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Chemical Oxygen Demand (COD)	IS 3025 (Part 58) (Open Reflex Method)
389	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Chloride as Cl-	APHA 23rd Edition, 4500- Cl- B, 4-75 (Argentometric Method)
390	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Chloride as Cl-	IS 3025 (Part 32) (Argentometric Method)
391	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Chromium (Hexavalent) as Cr6+	APHA 23rd Edition, 3500-Cr B, 3-71 (UV Spectrophotometer colorimetric Method)
392	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Chromium (Total) as Cr	APHA 23rd Edition, 3111 B, 3-20 (Direct Air Acetylene Flame Method)
393	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Chromium (Total) as Cr	IS 3025 (Part 52) (Direct Air Acetylene AAS Method)
394	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Copper as Cu	IS 3025 (Part 42) (Direct Air Acetylene AAS Method)
395	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Copper as Cu	APHA 23rd Edition, 3111 B, 3-20 (Direct Air Acetylene Flame Method)
396	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Cyanide as CN	IS 3025 (Part 27) (ISE Method)
397	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Dissolved Oxygen (DO)	APHA 23rd Edition, 4500-O B, 4-144 (Iodometric Method)
398	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Fluoride as F	APHA 23rd Edition, 4500 F, D, 4-90 (SPADNS Spectrophotometer Method)
399	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Free Ammonia	IS 3025 (Part 34) (ISE Method)
400	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Free Residual Chlorine	APHA 23rd Edition, 4500-Cl - G, 4-72 (DPD Colorimetric Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	24 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
401	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Lead as Pb	APHA 23rd Edition, 3111 B, 3-20 (Direct Air Acetylene Flame Method)
402	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Mercury as Hg	APHA 23rd Edition, 3112 B, 3-25 (VGA AAS Method)
403	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Mixed liquor volatile suspended Solids (MLVSS)	APHA 23rd Edition, 2540 E, 2-71 (Gravimetric Method)
404	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Nickel as Ni	IS 3025 (Part 54) (Direct Air Acetylene AAS Method)
405	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Nickel as Ni	APHA 23rd Edition, 3111 B, 3-20 (Direct Air Acetylene Flame Method)
406	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Nitrate as NO3-	APHA 23rd Edition, 4500-NO3 - B, 4-127 (UV Spectrophotometeric Screening Method)
407	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Oil & Grease	IS 3025 (Part 39) (Liquid-Liquid partition & Gravimetric Method)
408	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	pH Value	APHA 23rd Edition, 4500-H+ B, 4-95 (Electrometric Method)
409	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	pH Value	IS: 3025 (Part 11) (pH Meter)
410	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Phenolic compound as C6H5OH (Without Chloroform extraction)	IS 3025 (Part 43) (4-Aminoantipyrine Method)
411	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Phosphate as PO4-	APHA 23rd Edition, 4500 P D, 4-163 (Stannous Chloride Method)
412	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Potassium as K	APHA 23rd Edition, 3500-K B, 3-89 (Flame Photometric emission mode Method)
413	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Sodium as Na	APHA 23rd Edition, 3500 Na B, 3-99 (Flame Photometric emission mode Method)
414	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Sulphate as SO4-	IS 3025 (Part 24) (Turbidimetric Method)
415	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Sulphide as S2-	APHA 23rd Edition, 4500- S2- F, 4-187 (Iodometric Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	25 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
416	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Sulphite as SO3	IS: 3025 (Part 28) (Titration Method)
417	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Total Alkalinity	IS: 3025 (Part 23) (Indicator and Titration method)
418	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Total Dissolved Solids (TDS)	APHA 23rd Edition, 2540 C, 2-69 (Filtration & Gravimetric Method)
419	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Total Dissolved Solids(TDS)	IS 3025 (Part 16) (Filtration & Gravimetric Method)
420	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Total Kjedhal Nitrogen as N (TKN)	APHA 23rd Edition, 4500- NH3 B, 4-114 C, 4-116 & 4500-N org & B, 4-139 (Distillation & Titration Method)
421	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Total Solids (TS) (Dissolved & Suspended Solids)	APHA 23rd Edition, 2540 B, 2-68 (Gravimetric Method)
422	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Total Solids (TS) (Dissolved & Suspended Solids)	IS: 3025 (Part 15) (Gravimetric Method)
423	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Total Suspended Solids (TSS)	APHA 23rd Edition, 2540 D, 2-70 (Filtration & Gravimetric Method)
424	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Total Suspended Solids (TSS)	IS: 3025 (Part 17) (Filtration & Gravimetric Method)
425	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Total Volatile solid (Fixed solid and Volatile Solid)	IS 3025 (Part 18) (Filtration & Gravimetric Method)
426	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Total Volatile solid (Fixed solid and Volatile Solid)	APHA 23rd Edition, 2540 E, 2-71 (Gravimetric Method)
427	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Turbidity	IS: 3025 (Part 10) (Nephelometer Method)
428	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Zinc as Zn	IS 3025 (Part 49) (Direct Air Acetylene AAS Method)
429	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Zinc as Zn	APHA 23rd Edition, 3111 B, 3-20 (Direct Air Acetylene Flame Method)
430	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Dissolved Oxygen(DO)	IS 3025 (Part 38) (Iodometric Method)
431	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Free Residual Chlorine	IS: 3025 (Part 26) (Iodometric Method)
432	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Iron as Fe	IS 3025 (Part 53) (Direct Air Acetylene AAS Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	26 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
433	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Iron as Fe	APHA 23rd Edition, 3111-B, 3-20 (Direct Air Acetylene Flame Method)
434	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Lead as Pb	IS 3025 (Part 47) (Direct Air Acetylene AAS Method)
435	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Arsenic as As	APHA 23rd Edition, 3114 C, 3-40 (GTA AAS Method)
436	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Biochemical Oxygen Demand (BOD) (3 days @ 27 deg. C)	IS 3025 (Part 44) (Iodometric Method)
437	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Cadmium as Cd	APHA 23rd Edition, 3111 B, 3-20 (Direct Air Acetylene Flame Method)
438	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Calcium as Ca & Calcium Hardness as CaCO3	APHA 23rd Edition, 3500 B, 3-69 (EDTA Titrimetric Method)
439	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, (Raw &Treated Liquid Effluent & Sewage)	Manganese as Mn	APHA 23rd Edition, 3111 B, 3-20 (Direct Air-Acetylene Flame Method)
440	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB-138)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
441	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,2',3,4,4',5,5'-Heptschlorobiphenyl (PCB-180)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
442	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,2',3,4',5',6-Hexachlorobiphenyl (PCB-149)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
443	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,2',3,5'-Tetrachlorobiphenyl (PCB-44)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
444	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB-153)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
445	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,2',5,5'-Tetrachlorobiphenyl (PCB-52)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
446	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,2',5-Trichlorobiphenyl (PCB-18)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
447	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,3,3',4',6-Pentachlorobiphenyl (PCB-110)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
448	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,3',4,4',5-Pentachlorobiphenyl (PCB-118)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
449	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,3',4',5-Tetrachlorobiphenyl (PCB-70)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
450	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,4 '- Dichlorobiphenyl (PCB-8)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	27 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
451	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2,4,4'-Trichlorobiphenyl (PCB-28)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
452	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	2-Chlorobiphenyl (PCB-1)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
453	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PCBs)	4-Chlorobiphenyl (PCB-3)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
454	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OPPs)	Phorate	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
455	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Endrin aldehyde	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
456	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Benzo(k)Fluoranthene	CPCB LATS/16/2002-03 Chapter 6 Page 127/EPA 1311
457	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Endosulfan I	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
458	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Heptachlor epoxide	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
459	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Trans-Chlordane	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
460	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	alpha-BHC	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
461	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	4,4-DDD	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
462	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	4,4-DDE	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
463	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	4,4-DDT	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
464	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Aldrin	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
465	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	beta-BHC	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
466	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	cis-Chlordane	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
467	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	delta-BHC	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
468	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Dieldrin	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
469	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Endosulfan II	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	28 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
470	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Endosulfan Sulfate	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
471	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Endrin	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
472	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Endrin Ketone	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
473	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	gamma- BHC	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
474	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Heptachlor	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
475	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OCPs)	Methoxychlor	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
476	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OPPs)	Chlorpyrifos	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
477	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OPPs)	Diazinon	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
478	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OPPs)	Dimethoate	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
479	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OPPs)	Malathion	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
480	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OPPs)	Parathion (Ethyl Parathion)	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
481	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (OPPs)	Terbufos	CPCB LATS/16/2002-03 Chapter 6 Page 131/EPA 1311
482	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Pyrene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
483	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	1-Methylnephthalene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
484	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	2-Methylnephthalene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
485	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Acenaphthalene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
486	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Acenaphthene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
487	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Anthracene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
488	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Benz(a)anthracene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	29 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
489	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Benzo(a)pyrene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
490	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Benzo(b)Fluoranthene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
491	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Benzo(g,h,i)perylene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
492	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Chrysene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
493	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Dibenz(a,h)anthracene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
494	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Fluoranthene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
495	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Fluorene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
496	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Indeno (1,2,3-cd)pyrene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
497	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	Nephthalene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
498	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) - Pesticide Residues in TCLP extract (PAHs)	phenanthrene	CPCB LATS/16/2002-03 Chapter 6, page 127,EPA 1311
499	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water - (Organochlorine Pesticides - OCPs)	4,4-DDE	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
500	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	4,4-DDT	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
501	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Aldrin	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
502	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Beta - BHC	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
503	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	cis-Chlordane	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
504	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Dieldrin	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	30 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
505	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Endosulfan I	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
506	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Endosulfan II	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
507	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Endosulfan Sulfate	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
508	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Endrin	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
509	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Endrin aldehyde	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
510	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Endrin Ketone	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
511	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Heptachlor	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
512	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Heptachlor epoxide	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
513	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Methoxychlor	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
514	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	Trans-Chlordane	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
515	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	gamma- BHC	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
516	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organophosphorus Pesticides (OPPs)	Chlorpyrifos	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
517	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organophosphorus Pesticides (OPPs)	Diazinon	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
518	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organophosphorus Pesticides (OPPs)	Dimethoate	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	31 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
519	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organophosphorus Pesticides (OPPs)	Malathion	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
520	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organophosphorus Pesticides (OPPs)	Parathion (Ethyl Parathion)	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
521	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organophosphorus Pesticides (OPPs)	Phorate	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
522	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organophosphorus Pesticides (OPPs)	Terbufos	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
523	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Potable water, Bore well water, Marine Water - Organochlorine Pesticides (OCPs)	4,4-DDD	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
524	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Potable water, Bore well water, Marine Water - Organochlorine Pesticides (OCPs)	alpha-BHC	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
525	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Potable water, Bore well water, Marine Water Organochlorine Pesticides (OCPs)	2,4 - DDT	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
526	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Potable water, Bore well water, Marine Water Organochlorine Pesticides (OCPs)	2,4 - DDD	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
527	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Potable water, Bore well water, Marine Water Organochlorine Pesticides (OCPs)	2,4 - DDE	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
528	CHEMICAL- RESIDUES IN WATER	Drinking Water, Ground water, Surface water, Bore Well water, Potable water, Marine water - Organochlorine Pesticides (OCPs)	delta-BHC	APHA 23rd Ed.6630 B,6-121 & D,6-135,6410 B (Analytical & Extraction Method)
529	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	4-chlorobiphenyl (PCB - 3)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
530	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB-180)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
531	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB-138)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
532	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,2',3,4',5',6-Hexachlorobiphenyl (PCB - 149)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	32 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
533	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,2',3,5'-Tetrachlorobiphenyl (PCB-44)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
534	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB-153)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
535	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,2',5,5'-Tetrachlorobiphenyl (PCB-52)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
536	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,2',5-Trichlorobiphenyl (PCB-18)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
537	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,3,3',4',6-Pentachlorobiphenyl (PCB-110)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
538	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,3',4,4',5-Pentachlorobiphenyl (PCB-118)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
539	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,3',4',5-Tetrachlorobiphenyl (PCB-70)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
540	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,4 '- Dichlorobiphenyl(PCB-8)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
541	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2,4,4'-Trichlorobiphenyl (PCB-28)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
542	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Poly Chlorinated Biphenyl (PCBs)	2-Chlorobiphenyl (PCB-1)	APHA 23rd Ed.6431 B, C,6-93,6410 B (Analytical & Extraction Method)
543	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	1-Methylnephthalene,	APHA 23rd Ed., 6440-B, 6-94 & 6440-C, 6-99
544	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	2-Methylnephthalene,	APHA 23rd Ed., 6440-B, 6-94 & 6440-C, 6-99
545	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	APHA 23rd Ed. , 6440-B, 6-94 & 6440-C, 6-99
546	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthylene	APHA 23rd Ed., 6440-B, 6-94 & 6440-C, 6-99

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	33 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
547	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Anthracene	APHA 23rd Ed. , 6440-B, 6-94 & 6440-C, 6-99
548	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Benz(a)anthracene	APHA 23rd Ed., 6440-B, 6-94 & 6440-C, 6-99
549	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo(a)pyrene	APHA 23rd Ed., 6440-B, 6-94 & 6440-C, 6-99
550	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo(b)Fluoranthene	APHA 23rd Ed. 2017, 6440-B, 6-94 & 6440-C, 6-99
551	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo(g,h,i)perylene	APHA 23rd Ed. 2017, 6440-B, 6-94 & 6440-C, 6-99
552	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo(k)Fluoranthene	APHA 23rd Ed. 2017, 6440-B, 6-94 & 6440-C, 6-99
553	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Chrysene	APHA 23rd Ed. 2017, 6440-B, 6-94 & 6440-C, 6-99
554	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenz(a,h)anthracene	APHA 23rd Ed. 2017, 6440-B, 6-94 & 6440-C, 6-99
555	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Fluoranthene	APHA 23rd Ed. 2017, 6440-B, 6-94 & 6440-C, 6-99
556	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Fluorene	APHA 23rd Ed. 2017, 6440-B, 6-94 & 6440-C, 6-99
557	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Indeno (1,2,3-cd)pyrene	APHA 23rd Ed. 2017, 6440-B, 6-94 & 6440-C, 6-99
558	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Nephthalene	APHA 23rd Ed. 2017, 6440-B, 6-94 & 6440-C, 6-99
559	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Phenanthrene	APHA 23rd Ed. 2017, 6440-B, 6-94 & 6440-C, 6-99
560	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water - Polycyclic Aromatic Hydrocarbons (PAHs)	Pyrene	APHA 23rd Ed. 2017, 6440-B, 6-94 & 6440-C, 6-99

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	34 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
561	CHEMICAL- RESIDUES IN WATER	Drinking water, Ground water/ Surface water/ Potable water, Bore well water	Chromium (Hexavalent) as Cr6	APHA 23rd Ed.2017 3500-Cr B, 3-71 (By Colorimetric method)
562	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Aluminum as Al	APHA 23rd Ed.2017 3500-Al B, Eriochrome Cyanine R Method
563	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Arsenic as As	APHA 23rd Ed. 3114 C 3-40 By GTA AAS Method
564	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Boron as B	IS: 3025 (Part 57), Curcumin Method
565	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Cadmium as Cd	APHA 23rd Ed.2017 3111 B 3-20 By Direct Air Acetylene Flame Method
566	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Chromium (Total) as Cr	APHA 23rd Ed.2017 3111 B 3-20 By Direct Air Acetylene Flame Method
567	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Cobalt as Co	APHA 23rd Ed.2017-3500-Co, By Direct Air Acetylene Flame Method
568	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Copper as Cu	APHA 23rd Ed.2017 3111 B 3-20 By Direct Air Acetylene Flame Method
569	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Iron as Fe	APHA 23rd Ed. 3111 B 3-20 By Direct Air Acetylene Flame Method
570	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Lead as Pb	APHA 23rd Ed.2017 3111 B 3-20 By Direct Air Acetylene Flame Method
571	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Lead as Pb	IS: 3025 (Part 47) RA.2019, Amds. 2 By Direct Air Acetylene AAS Method
572	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Manganese as Mn	APHA 23rd Ed. 3500 Mn B 3-20 Direct Air Acetylene Flame Method
573	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Mercury as Hg	APHA 23rd Ed. 3112 B 3-25 By VGA AAS Method
574	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Nickel as Ni	APHA 23rd Ed.2017 3111 B 3-20 By Direct Air Acetylene Flame Method

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	35 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
575	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Nickel as Ni	IS: 3025 (Part 54) RA.2019 By Direct Air Acetylene AAS Method
576	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Silver as Ag	APHA 23rd Ed.2017-3111 B-3-20 By Direct Air Acetylene Flame Method
577	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Zinc as Zn	APHA 23rd Ed.2017 3111 B 3-20 By Direct Air Acetylene Flame Method
578	CHEMICAL- RESIDUES IN WATER	Trace metal elements (in Drinking water, Ground water, Surface water, Bore well water, Potable water, Marine water)	Zinc as Zn	IS: 3025 (Part 49) RA.2019, Amds. 1 By Direct Air Acetylene AAS Method
579	CHEMICAL- RESIDUES IN WATER	Trace metal elements (In Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water)	Cadmium as Cd	IS 3025 (Part 41) RA 2019 By Direct Air Acetylene AAS Method
580	CHEMICAL- RESIDUES IN WATER	Trace metal elements (In Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water)	Chromium (Total) as Cr	IS: 3025 (Part 52) RA.2019 By Direct Air Acetylene AAS Method
581	CHEMICAL- RESIDUES IN WATER	Trace metal elements (In Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water)	Copper as Cu	IS: 3025 (Part 42) Amds. 1 By Direct Air Acetylene AAS Method
582	CHEMICAL- RESIDUES IN WATER	Trace metal elements (In Drinking water, Ground water, Surface water, Bore well water, Potable Water, Marine water)	Iron as Fe	IS: 3025 (Part 53) By Direct Air Acetylene AAS Method
583	CHEMICAL- WATER	Drinking Water	Ammonia	IS: 3025 (Part 34) (ISE Method and Manufacture's manual)
584	CHEMICAL- WATER	Drinking Water	Calcium as Ca2+ or Calcium hardness as CaCO3	IS 3025 (Part 40) (EDTA Titrimetric Method)
585	CHEMICAL- WATER	Drinking Water	Chloramines as Cl2	APHA 23rd Edition, 4500-Cl G, 4-72 (DPD Colorimetric Method)
586	CHEMICAL- WATER	Drinking Water	Cyanide as CN	IS 3025 (Part 27) (ISE Method)
587	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46) (Calculation Method)
588	CHEMICAL- WATER	Drinking Water	Nitrate as NO3-	IS 3025 (Part 34) (Chromotropic acid Method)
589	CHEMICAL- WATER	Drinking Water	Sulphide as S-	IS 3025 (Part 29) (Iodometric method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	36 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
590	CHEMICAL- WATER	Drinking Water	Surfactants	APHA 23rd Edition, 5540 C, 5-55 (Anionic Surfactants as MBAS)
591	CHEMICAL- WATER	Drinking Water	Total Kjedhal Nitrogen as N (TKN)	IS: 3025 (Part 34) (Distillation & Titration Method)
592	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Chloride as Cl	APHA 23rd Edition, 4500-Cl B, 4-75 (Argentometric Method)
593	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Odour	IS 3025 (Part 5)
594	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Calcium as Ca2+ or Calcium hardness as CaCO3	APHA 23rd Edition, 3500 B, 3-69 (EDTA Titrimetric Method)
595	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Colour	IS 3025 (Part 4) (Visual Comparison Method)
596	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Fluoride as F	IS 3025 (Part 60) (ISE Method)
597	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Magnesium as Mg	APHA 23rd Edition, 3500 Mg B, 3-86 (Calculation)
598	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Nitrate as NO3-	APHA 23rd Edition, 4500-NO3 B, 4-127 (UV Spectrophotometric Screening Method)
599	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	pH value	APHA 23rd Edition, 4500-H+ B, 4-95 (Electrometric Method)
600	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Phenol (With chloroform extraction)	IS 3025 (Part 43) (4-Aminoantipyrine Method)
601	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Sulphate as SO4-	IS 3025 (Part 24) (Turbidimetric Method)
602	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Total Alkalinity	IS 3025 (Part 23) (Indicator & Titration Method)
603	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Total dissolved Solid (TDS)	APHA 23rd Edition, 2540 C, 2-69 (Filtration & Gravimetric Method)
604	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Total Hardness	IS 3025 (Part 21) (EDTA Titrimetric Method)
605	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Total Kjedhal Nitrogen as N (TKN)	APHA 23rd Edition, 4500- NH3 B, 4-139 C 4-116 (Distillation & Titration Method)
606	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Turbidity	IS 3025 (Part 10) (Nephelometer Method)
607	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Chloride as Cl-	IS: 3025 (Part 32) (Argentometric Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	37 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
608	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Free Residual Chlorine	APHA 23rd Edition, 4500-Cl G, 4-72 (DPD Colorimetric Method)
609	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Free Residual Chlorine	IS: 3025 (Part 26) (Iodometric Method)
610	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Nitrite as NO2-	APHA 23rd Edition, 4500 NO2 B, 4-124 (Colorimetric Method)
611	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	pH value	IS: 3025 (Part 11) (pH Meter)
612	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Sodium as Na	APHA 23rd Edition, 3500 Na B, 3-99 (Flame Photometric Method)
613	CHEMICAL- WATER	Drinking Water/Ground water/Surface Water	Sulphide as S-	APHA 23rd Edition, 4500 S2 C, 4-183 & 4-187 (Iodometric Method)
614	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Taste	IS: 3025(Part 8)
615	CHEMICAL- WATER	Drinking Water/Ground Water/Surface Water	Total dissolved Solid (TDS)	IS: 3025(Part 16) (Gravimetric Method)
616	CHEMICAL- WATER	Ground Water/Surface Water	Acidity	IS 3025 (Part 22) (Indicator & Titration Method)
617	CHEMICAL- WATER	Ground Water/Surface Water	Ammonical Nitrogen as NH3-N	IS: 3025 (Part 34) (ISE Method and Manufacture's manual)
618	CHEMICAL- WATER	Ground Water/Surface Water	Bicarbonate	IS 3025 (Part 51) (Calculation Method)
619	CHEMICAL- WATER	Ground Water/Surface Water	Biochemical Oxygen Demand (BOD) (3 days @ 27 deg C)	IS 3025 (Part 44) (Iodometric Method)
620	CHEMICAL- WATER	Ground Water/Surface Water	Bromide	APHA 23rd Edition, 4500-Br- B, 4-30 (Phenol Red Colorimetric Method)
621	CHEMICAL- WATER	Ground Water/Surface Water	Carbon dioxide	IS 3025 (Part 61) (Titrimetric Method)
622	CHEMICAL- WATER	Ground Water/Surface Water	Carbonate	IS 3025 (Part 51) (Calculation Method)
623	CHEMICAL- WATER	Ground Water/Surface Water	Chemical oxygen demand (COD)	APHA 23rd Edition, 5220 B, 5-18 (Open Reflux Method)
624	CHEMICAL- WATER	Ground Water/Surface Water	Chemical oxygen demand (COD)	IS: 3025 (Part 58) (Open Reflex Method)
625	CHEMICAL- WATER	Ground Water/Surface Water	Dissolved Oxygen	APHA 23rd Edition, 4500-O B, 4-144 (Iodometric Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	38 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
626	CHEMICAL- WATER	Ground Water/Surface Water	Dissolved Oxygen	IS: 3025 (Part 38) (Titrimetric Method)
627	CHEMICAL- WATER	Ground Water/Surface Water	Electrical Conductivity	IS 3025 (Part 14) (Conductivity Meter Method)
628	CHEMICAL- WATER	Ground Water/Surface Water	Oil & Grease	IS 3025 (Part 39) (Liquid-Liquid partition & Gravimetric Method)
629	CHEMICAL- WATER	Ground Water/Surface Water	Phosphate as PO4-	APHA 23rd Edition, 4500 P D, 4-163 (Stannous Chloride Method)
630	CHEMICAL- WATER	Ground Water/Surface Water	Potassium as K	APHA 23rd Edition, 3500-K B, 3-89 (Flame Photometric in emission mode Method)
631	CHEMICAL- WATER	Ground Water/Surface Water	Reactive as SiO2	APHA 23rd Edition, 4500-SIO2 D, 4-177 (Hetero Poly Blue Method)
632	CHEMICAL- WATER	Ground Water/Surface Water	Salinity	APHA 23rd Edition, 2520-B, 2-60 (Electrical Conductivity Method)
633	CHEMICAL- WATER	Ground Water/Surface Water	Sulphite as SO3	IS: 3025 (Part 28) (Titration Method)
634	CHEMICAL- WATER	Ground Water/Surface Water	Temperature	IS 3025 (Part 9) (Thermometer Method)
635	CHEMICAL- WATER	Ground Water/Surface Water	Total Silica as SiO2	IS: 3025 (Part 35) (Hetero Poly Blue Method)
636	CHEMICAL- WATER	Ground Water/Surface Water	Total Residue	IS: 3025 (Part 15) (Gravimetric Method)
637	CHEMICAL- WATER	Ground Water/Surface Water	Total Solids	APHA 23rd Edition, 2540 B, 2-68 (Gravimetric Method)
638	CHEMICAL- WATER	Ground Water/Surface Water	Total Suspended Solids	APHA 23rd Edition, 2540 D, 2-70 (Filtration & Gravimetric Method)
639	CHEMICAL- WATER	Ground Water/Surface Water	Total Suspended Solids	IS: 3025 (Part 17) (Filtration & Gravimetric Method)
640	CHEMICAL- WATER	Ground Water/Surface Water	Total volatile solid (Fixed Solid and Volatile solid)	IS: 3025 (Part 18) (Gravimetric Method)
641	CHEMICAL- WATER	Ground Water/Surface Water	Total volatile solid (Fixed Solid and Volatile solid)	APHA 23rd Edition, 2540 E, 2-71 (Gravimetric Method)
642	CHEMICAL- WATER	Reagent Grade Water	pH @ 25 °C	APHA 23rd Edition, 4500-H+ B, 4-95 (Electrometric Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	39 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
643	CHEMICAL- WATER	Reagent Grade Water	pH @ 25 °C	IS: 3025 (Part 11) (pH Meter)
644	CHEMICAL- WATER	Reagent Grade Water	Silica as SiO2	APHA 23rd Edition, 4500-SIO2 D, 4-177 (Hetero Poly Blue Method)
645	CHEMICAL- WATER	Reagent Grade Water	Specific conductivity @ 25 °C	IS 3025 (Part 14) (Conductivity Meter Method)
646	CHEMICAL- WATER	Reagent Grade Water	Total solids or Non Volatile residue @105°C	IS: 3025 (Part 15) (Gravimetric Method)
647	CHEMICAL- WATER	Reagent Grade Water	Total solids or Non Volatile residue @ 105 °C	APHA 23rd Edition, 2540 B, 2-68 (Gravimetric Method)
648	CHEMICAL- WATER	Reagent Grade Water	Colour retention of KMnO4 @ 27 deg C	Annex A of IS:1070
649	CHEMICAL- WATER	Reagent Grade Water	Silica as SiO2	IS: 3025 (Part 35) (Hetero Poly Blue Method)

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7753
Page No	40 of 41
Validity	23/09/2022 to 22/09/2024
Last Amended on	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Site Facility				
1	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Air/ Surface (Environment Monitoring)	Total Plate Count /Total Bacterial Count	UERL/BIO/SOP/14
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Air/ Surface (Environment Monitoring)	Yeast and Mould Count	UERL/BIO/SOP/14
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Air/ Surface (Hygiene Swab, Surface Swab, Hand Swab, Equipment Swab, Product Swab etc.)	E.coli	UERL/BIO/SOP/15
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Air/ Surface (Hygiene Swab, Surface Swab, Hand Swab, Equipment Swab, Product Swab etc.)	Salmonella spp.	UERL/BIO/SOP/15
5	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Air/ Surface (Hygiene Swab, Surface Swab, Hand Swab, Equipment Swab, Product Swab etc.)	Total Plate Count/Total Bacterial Count	UERL/BIO/SOP/15
6	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Air/ Surface (Hygiene Swab, Surface Swab, Hand Swab, Equipment Swab, Product Swab etc.)	Yeast and Mould Count	UERL/BIO/SOP/15
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Volatile Organic Compound	SOP No. UERL/AIR/SOP/99, Issue No.01, October 01
8	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Volatile Organic Compound	SOP No. UERL/AIR/SOP/100, Issue No:01, October 01
9	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Noise Ambient	IS 9989
10	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Source Noise, Compressor, All Roatating & Vibrating Machine.	IS 4758
11	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Carbon Dioxide (CO2)	SOP No. UERL/AIR/SOP/72, Issue No:01, October 01
12	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Carbon Monoxide (CO)	SOP No. UERL/AIR/SOP/72, Issue No:01, October 01
13	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Hydro Carbon (HC)	SOP No. UERL/AIR/SOP/73, Issue No:01, October 01
14	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Oxygen (O2)	SOP No. UERL/AIR/SOP/72, Issue No:01, October 01
15	CHEMICAL- ATMOSPHERIC POLLUTION	Process / Vent Emissions	Volatile Organic Compound	SOP No. UERL/AIR/SOP/101, Issue No.01 October 01
16	CHEMICAL- ATMOSPHERIC POLLUTION	Process/Vent Emissions	Stack velocity & Volume Flow Rate	SOP No. UERL/AIR/SOP/093 Issue No. 01 December 01

SCOPE OF ACCREDITATION

Laboratory Name :	UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION), WHITE HOUSE, 1ST & 2ND FLOOR, PLOT NO. C-5/24, CHAR RASTA, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7753	**Page No**	41 of 41
Validity	23/09/2022 to 22/09/2024	**Last Amended on**	22/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Dioxide (CO2)	SOP No. UERL/AIR/SOP/18 Issue No. 03 September 01
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Monoxide (CO)	SOP No. UERL/AIR/SOP/18 Issue No. 03 September 01
19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Hydro Carbon (HC)	SOP No. UERL/AIR/SOP/27 Issue No. 03 September 01
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxygen (O2)	SOP No. UERL/AIR/SOP/18 Issue No. 03 September 01
21	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Stack velocity & volume Flow Rate	SOP No. UERL/AIR/SOP/084 Issue No.01 December 01
22	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Illumination	IS 6665
23	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Volatile Organic Compound	SOP No. UERL/AIR/SOP/103, Issue No.01 October 01
24	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Workplace Noise	IS 4758