

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 16.11.2024		
Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 32	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-III
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:25	6:30	6:55	8:40	7:35	7:25	7:50
Temperature	°C	----	17	18	20	19	20	19	23
pH	----	6.5 t 8.5	8.25	7.86	7.78	7.81	7.75	7.8	7.59
Turbidity	N.T.U.	<1.0	3.4	0.8	0.9	0.7	0.8	0.6	0.5
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	70	74	82	76	86	80	220
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	66	72	68	132
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	108	112	117	114	120	118	258
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 18.11.2024		
Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 32	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-III
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:30	6:35	6:45	8:50	7:35	7:15	8:05
Temperature	°C	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.27	7.84	7.77	7.82	7.74	7.78	7.72
Turbidity	N.T.U.	<1.0	3.1	0.6	0.8	0.6	0.7	0.8	0.9
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	66	70	80	72	84	76	96
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	72	64	84
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	107	110	115	112	118	129	129
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 19.11.2024		
Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 32	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-III
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:20	6:25	6:45	8:15	7:20	7:05	7:35
Temperature	°C	----	17	18	19	18	20	19	23
pH	----	6.5 t 8.5	8.24	7.85	7.79	7.81	7.76	7.82	7.6
Turbidity	N.T.U.	<1.0	3.1	0.7	0.6	0.9	0.8	0.9	0.5
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	70	72	82	74	84	78	214
Total Hardness (CaCO ₃)	mg/l	200	60	64	70	64	74	66	130
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	110	113	117	114	119	116	253
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 20.11.2024		
Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 32	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-III
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:25	6:30	6:40	8:40	7:20	7:05	7:55
Temperature	°C	----	17	18	19	18	20	19	20
pH	----	6.5 t 8.5	8.26	7.87	7.82	7.85	7.78	7.81	7.76
Turbidity	N.T.U.	<1.0	3.4	0.9	0.7	0.9	0.6	0.8	0.6
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	68	70	78	72	82	74	94
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	66	82
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	109	112	118	113	120	115	125
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 21.11.2024		
Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 52	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-III
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:30	6:35	6:50	8:30	7:25	7:10	7:45
Temperature	°C	----	17	18	19	18	20	19	23
pH	----	6.5 t 8.5	8.25	7.84	7.78	7.8	7.75	7.79	7.55
Turbidity	N.T.U.	<1.0	3.2	0.8	0.6	0.9	0.7	0.9	0.6
Residual Chlorine	mg/1	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.9
Total Alkalinity (CaCO ₃)	mg/1	200	70	0.74	82	76	84	78	218
Total Hardness (CaCO ₃)	mg/1	200	62	64	72	66	76	68	134
Chloride (Cl)	mg/1	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/1	500	111	114	119	115	121	117	260
Free & Saline Ammonia	mg/1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 22.11.2024		
Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 32	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-II
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:20	6:30	6:40	8:40	7:35	7:05	8:05
Temperature	°C	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.24	7.86	7.79	7.84	7.78	7.81	7.71
Turbidity	N.T.U.	<1.0	3	0.6	0.9	0.9	0.8	0.7	0.8
Residual Chlorine	mg/1	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/1	200	66	70	80	74	82	76	98
Total Hardness (CaCO ₃)	mg/1	200	58	60	68	62	70	64	84
Chloride (Cl)	mg/1	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/1	500	108	112	117	114	119	116	127
Free & Saline Ammonia	mg/1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 23.11.2024		
Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 32	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-II
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:25	6:30	6:40	8:10	7:10	7:00	7:30
Temperature	°C	----	17	18	20	19	20	19:00	23
pH	----	6.5 t 8.5	8.27	7.85	7.8	7.78	7.76	7.79	7.58
Turbidity	N.T.U.	<1.0	3.1	0.7	0.8	0.6	0.8	0.9	0.4
Residual Chlorine	mg/1	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/1	200	68	72	82	76	86	74	220
Total Hardness (CaCO ₃)	mg/1	200	60	64	70	66	74	66	132
Chloride (Cl)	mg/1	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/1	500	110	113	118	116	121	115	255
Free & Saline Ammonia	mg/1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 26.11.2024		
Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 52	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-III
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:10	6:15	6:25	8:35	7:20	6:45	7:50
Temperature	°C	----	18	19	20	19	20	20	21
pH	----	6.5 t 8.5	8.23	7.86	7.79	7.84	7.77	7.8	7.75
Turbidity	N.T.U.	<1.0	2.9	0.8	0.9	0.7	0.6	0.8	0.8
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	66	68	78	72	84	78	92
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	72	70	80
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	109	112	116	113	120	117	124
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 27.11.2024		
Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 32	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-II
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:15	6:20	6:30	8:20	7:30	7:05	7:50
Temperature	°C	----	18	19	21	20	21	20	24
pH	----	6.5 t 8.5	8.25	7.85	7.8	7.78	7.76	7.81	7.59
Turbidity	N.T.U.	<1.0	2.8	0.7	0.6	0.8	0.9	0.7	0.4
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	70	72	80	74	84	76	212
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	68	126
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	111	114	118	115	121	116	248
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 28.11.2024	
Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 52	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-III
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:20	6:25	6:40	8:40	7:25	7:15	8:00
Temperature	°C	----	18	19	21	19	21	20	21
pH	----	6.5 t 8.5	8.24	7.86	7.79	7.83	7.77	7.8	7.74
Turbidity	N.T.U.	<1.0	2.7	0.6	0.8	0.6	0.7	0.9	0.6
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	68	70	78	72	82	74	98
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	70	66	84
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	110	113	117	114	119	115	130
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh

(Physico Chemical Analysis Report)	DATE:- 29.11.2024
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(Physico Chemical Analysis Report)	DATE:- 29.11.2024
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Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 32	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-II
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:15	6:20	6:30	8:25	7:20	6:55	7:40
Temperature	°C	----	17	18	20	19	20	19	23
pH	----	6.5 t 8.5	8.27	7.85	7.78	7.8	7.76	7.79	7.6
Turbidity	N.T.U.	<1.0	2.5	0.9	0.7	0.8	0.6	0.8	0.6
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	72	74	82	76	84	78	216
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	68	72	68	128
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	112	115	119	116	121	117	252
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 30.11.2024		
Parameter	Unit	Quality standard	Water Treatment Plant Sector - 39		Water Works Sector – 37	Water Works Sector – 52	Water Works Sector – 26	Water Works Sector – 12	Water Works Sector - 13-III
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:20	6:25	6:40	8:50	7:30	7:10	7:55
Temperature	°C	----	17	18	20	18	20	19	20
pH	----	6.5 t 8.5	8.26	7.87	7.79	7.86	7.77	7.84	7.74
Turbidity	N.T.U.	<1.0	2.6	0.8	0.6	0.6	0.7	0.9	0.7
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	70	72	80	74	86	76	96
Total Hardness (CaCO ₃)	mg/l	200	62	64	68	66	74	66	82
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	110	114	120	115	122	118	128
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL