

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 02.12.2024		
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.)	----	----	06:10	06:15	06:25	08:35	07:20	07:00	07:35
Temperature	°C	----	18	19	20	19	21	20	23
pH	----	6.5 t 8.5	8.28	7.87	7.8	7.84	7.78	7.86	7.55
Turbidity	N.T.U.	<1.0	2.9	0.6	0.8	0.7	0.6	0.8	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	72	74	80	76	84	78	210
Total Hardness (CaCO ₃)	mg/l	200	64	66	70	66	72	68	124
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	112	115	119	116	121	117	246
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 03.12.2024		
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.)	----	----	06:15	06:20	06:30	08:45	07:20	07:05	07:40
Temperature	°C	----	18	19	21	19	21	20	21
pH	----	6.5 t 8.5	8.25	7.86	7.82	7.85	7.78	7.83	7.74
Turbidity	N.T.U.	<1.0	2.7	0.8	0.7	0.6	0.9	0.7	0.8
Residual Chlorine	mg/1	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.3	0.3
Total Alkalinity (CaCO ₃)	mg/1	200	68	70	78	72	82	74	98
Total Hardness (CaCO ₃)	mg/1	200	60	62	70	64	72	66	86
Chloride (Cl)	mg/1	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/1	500	109	112	118	114	120	116	130
Free & Saline Ammonia	mg/1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 04.12.2024		
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.)	----	----	06:20	06:25	06:55	09:00	07:50	07:15	08:10
Temperature	°C	----	18	19	21	20	21	20	23
pH	----	6.5 t 8.5	8.23	7.84	7.8	7.78	7.73	7.81	7.59
Turbidity	N.T.U.	<1.0	2.8	0.9	0.8	0.7	0.8	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	66	70	80	76	82	76	220
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	66	70	64	132
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	108	112	117	116	119	116	255
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 05.12.2024		
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.)	----	----	06:15	06:20	06:30	09:10	07:10	07:00	07:55
Temperature	°C	----	18	19	21	19	21	20	21
pH	----	6.5 t 8.5	8.25	7.86	7.82	7.85	7.78	7.83	7.74
Turbidity	N.T.U.	<1.0	2.8	0.8	0.7	0.6	0.9	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	72	72	82	74	86	78	94
Total Hardness (CaCO ₃)	mg/1	200	62	64	70	66	74	68	82
Chloride (Cl)	mg/1	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/1	500	110	113	118	115	121	117	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:- 06.12.2024		
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.)	----	----	06:20	06:25	06:35	08:20	07:10	06:50	07:20
Temperature	°C	----	17	18	20	19	20	19	23
pH	----	6.5 t 8.5	8.23	7.85	7.79	7.81	7.76	7.8	7.59
Turbidity	N.T.U.	<1.0	2.6	0.7	0.9	0.6	0.7	0.8	0.5
Residual Chlorine	mg/1	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.3	0.3
Total Alkalinity (CaCO ₃)	mg/1	200	68	72	80	74	84	76	214
Total Hardness (CaCO ₃)	mg/1	200	60	62	68	66	72	66	130
Chloride (Cl)	mg/1	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/1	500	109	112	119	114	120	116	249
Free & Saline Ammonia	mg/1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 07.12.2024		
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.)	----	----	06:15	06:20	06:30	08:40	07:10	07:00	07:35
Temperature	°C	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.26	7.87	7.8	7.85	7.78	7.81	7.71
Turbidity	N.T.U.	<1.0	2.9	0.6	0.8	0.7	0.6	0.9	0.8
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.3	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	70	74	82	76	86	78	96
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	64	74	68	84
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	111	114	120	115	122	117	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:- 11.12.2024		
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.)	----	----	06:20	06:25	06:35	08:20	07:15	07:05	07:30
Temperature	°C	----	17	18	20	19	20	19	23
pH	----	6.5 t 8.5	8.24	7.85	7.79	7.82	7.75	7.8	7.52
Turbidity	N.T.U.	<1.0	2.8	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	0.3	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	68	72	80	74	84	78	220
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	66	136
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	110	113	118	115	120	116	261
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 12.12.2024		
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.)	----	----	06:15	06:20	06:30	08:35	07:25	07:00	07:55
Temperature	°C	----	17	18	20	18	20	19	20
pH	----	6.5 t 8.5	8.26	7.87	7.8	7.85	7.78	7.81	7.74
Turbidity	N.T.U.	<1.0	2.6	0.7	0.6	0.8	0.7	0.9	0.7
Residual Chlorine	mg/1	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.3	0.3
Total Alkalinity (CaCO ₃)	mg/1	200	66	70	82	72	86	76	90
Total Hardness (CaCO ₃)	mg/1	200	58	62	72	62	74	66	76
Chloride (Cl)	mg/1	250	4	4	4	4	4	4	4
Total Dissolved Solids	mg/1	500	108	112	119	114	122	117	124
Free & Saline Ammonia	mg/1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 13.12.2024		
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.)	----	----	06:20	06:25	06:40	09:20	07:30	07:10	07:40
Temperature	°C	----	17	18	20	19	20	19	23
pH	----	6.5 t 8.5	8.26	7.87	7.79	7.82	7.77	7.84	7.57
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	0.3	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	70	72	80	74	86	76	220
Total Hardness (CaCO ₃)	mg/l	200	62	64	68	66	74	66	136
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	110	114	120	115	122	118	260
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 14.12.2024		
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-II
			Raw	Treated					
Time of Collection (A.M.)	----	----	06:15	06:20	06:30	08:40	07:30	07:00	08:00
Temperature	°C	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.24	7.85	7.78	7.84	7.79	7.82	7.75
Turbidity	N.T.U.	<1.0	2.7	0.6	0.7	0.9	0.6	0.7	0.6
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.3	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	68	72	80	74	84	78	94
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	68	80
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	109	113	119	114	121	117	128
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL