

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 01.10.2024	
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	8:50	7:20	7:00	8:00
Temperature	°C	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.23	7.85	7.79	7.84	7.76	7.8	7.74
Turbidity	N.T.U.	<1.0	9.4	0.7	0.9	0.7	0.6	0.8	0.6
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.3	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	66	70	78	72	80	76	94
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	70	64	78
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	100	105	113	107	115	110	126
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 02.10.2024	
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.)	----	----	6:05	6:10	6:20	8:20	7:20	6:45	7:40
Temperature	°C	----	17	18	20	19	20	19	22
pH	----	6.5 t 8.5	8.25	7.86	7.8	7.81	7.77	7.82	7.58
Turbidity	N.T.U.	<1.0	9.1	0.8	0.7	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	0.3	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	68	70	76	72	80	74	192
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	72	66	120
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	102	106	112	108	114	109	228
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 03.10.2024		
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	6:40	8:40	7:15	7:05	7:50
Temperature	°C	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.24	7.87	7.8	7.85	7.78	7.79	7.76
Turbidity	N.T.U.	<1.0	9.2	0.6	0.8	0.8	0.9	0.7	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	66	68	78	70	82	72	102
Total Hardness (CaCO ₃)	mg/l	200	60	72	68	62	70	64	84
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	101	104	114	106	116	110	134
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 04.10.2024		
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.)	----	----	6:10	6:15	6:25	8:30	7:25	7:15	7:45
Temperature	°C	----	17	18	20	19	20	19	24
pH	----	6.5 t 8.5	8.25	7.85	7.79	7.81	7.76	7.77	7.57
Turbidity	N.T.U.	<1.0	9	0.9	0.7	0.8	0.6	0.8	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	70	76	72	80	74	190
Total Hardness (CaCO ₃)	mg/l	200	60	64	66	64	68	66	118
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	103	105	113	108	115	109	223
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 05.10.2024		
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.)	----	----	6:15	6:20	6:45	9:15	7:50	7:05	8:20
Temperature	°C	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.22	7.86	7.8	7.84	7.77	7.79	7.74
Turbidity	N.T.U.	<1.0	9.3	0.7	0.9	0.9	0.7	0.6	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	66	68	76	70	78	72	96
Total Hardness (CaCO ₃)	mg/1	200	58	60	66	62	68	64	82
Chloride (Cl)	mg/1	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/1	500	102	104	112	107	114	110	128
Free & Saline Ammonia	mg/1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 06.10.2024		
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.)	----	----	6:05	6:10	6:20	8:20	7:10	7:00	7:40
Temperature	°C	----	17	18	20	19	20	19	24
pH	----	6.5 t 8.5	8.25	7.85	7.81	7.75	7.71	7.78	7.61
Turbidity	N.T.U.	<1.0	9.6	0.8	0.5	0.9	0.6	0.7	0.5
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.4
Total Alkalinity (CaCO ₃)	mg/l	200	70	72	78	74	82	74	184
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	66	116
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	104	107	114	109	116	111	218
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 07.10.2024		
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	9:00	7:35	7:10	7:55
Temperature	°C	----	17	18	20	18	20	19	22
pH	----	6.5 t 8.5	8.24	7.84	7.77	7.83	7.74	7.81	7.72
Turbidity	N.T.U.	<1.0	9.4	0.6	0.9	0.6	0.7	0.8	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	68	70	78	72	80	74	94
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	62	68	64	80
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	101	105	113	107	115	109	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:- 08.10.2024		
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	7:00	7:35	8:55	9:15	8:40
Temperature	°C	----	17	18	20	19	20	19	24
pH	----	6.5 t 8.5	8.27	7.86	7.78	7.82	7.77	7.79	7.59
Turbidity	N.T.U.	<1.0	9.2	0.9	0.7	0.8	0.6	0.7	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	66	70	80	74	84	76	192
Total Hardness (CaCO ₃)	mg/l	200	58	60	70	64	72	66	120
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	106	115	110	118	112	226
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 09.10.2024		
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	9:05	7:10	7:00	7:55
Temperature	°C	----	17	18	20	19	20	19	22
pH	----	6.5 t 8.5	8.26	7.85	7.79	7.84	7.75	7.8	7.74
Turbidity	N.T.U.	<1.0	9.5	0.8	0.9	0.8	0.8	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	68	72	78	74	82	76	96
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	4
Total Dissolved Solids	mg/l	500	103	107	113	108	116	111	127
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 10.10.2024		
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	6:40	8:30	7:30	7:10	7:45
Temperature	°C	----	17	18	20	19	20	19	24
pH	----	6.5 t 8.5	8.23	7.84	7.78	7.8	7.76	7.79	7.59
Turbidity	N.T.U.	<1.0	9.3	0.6	0.8	0.9	0.7	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	70	72	80	74	84	76	184
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	64	74	68	116
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	104	107	114	109	117	110	219
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 11.10.2024		
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	6:50	9:00	7:35	7:10	8:10
Temperature	°C	----	17	18	20	18	20	19	22
pH	----	6.5 t 8.5	8.24	7.86	7.8	7.85	7.77	7.82	7.72
Turbidity	N.T.U.	<1.0	9.4	0.7	0.9	0.9	0.6	0.7	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	70	76	72	80	74	94
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	70	66	80
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	101	105	112	107	115	110	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:- 12.10.2024		
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.)	----	----	6:10	6:15	6:30	8:45	7:30	7:10	7:40
Temperature	°C	----	17	18	20	19	20	19	24
pH	----	6.5 t 8.5	8.26	7.87	7.82	7.84	7.78	7.8	7.57
Turbidity	N.T.U.	<1.0	9.1	0.9	0.7	0.8	0.9	0.7	0.5
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.4
Total Alkalinity (CaCO ₃)	mg/l	200	68	72	78	74	82	76	190
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	68	118
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	106	113	109	116	111	223
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 13.10.2024		
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	8:40	7:30	7:10	8:00
Temperature	°C	----	17	18	20	18	20	19	22
pH	----	6.5 t 8.5	8.25	7.84	7.78	7.83	7.75	7.79	7.75
Turbidity	N.T.U.	<1.0	6.2	0.8	0.5	0.9	0.8	0.6	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	66	68	76	70	80	72	96
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	70	62	84
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	100	104	112	106	114	109	128
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 14.10.2024		
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	7:10	7:00	7:30
Temperature	°C	----	17	18	20	19	20	19	24
pH	----	6.5 t 8.5	8.23	7.85	7.79	7.81	7.76	7.77	7.6
Turbidity	N.T.U.	<1.0	6.5	0.6	0.9	0.8	0.7	0.9	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	68	70	78	72	82	74	186
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	70	64	114
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	105	113	108	115	110	215
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 15.10.2024	
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	6:35	8:55	7:20	7:10	7:55
Temperature	°C	----	17	18	20	18	20	19	22
pH	----	6.5 t 8.5	8.24	7.83	7.77	7.82	7.75	7.79	7.7
Turbidity	N.T.U.	<1.0	6.3	0.9	0.6	0.9	0.6	0.7	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	68	72	80	74	84	74	98
Total Hardness (CaCO ₃)	mg/l	200	60	64	70	64	72	66	86
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	101	105	114	107	116	109	129
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL