

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 16.10.2024		
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.)	----	----	06:10	06:15	06:30	08:25	07:20	07:00	07:30
Temperature	°C	----	17	18	20	19	20	19	24
pH	----	6.5 t 8.5	8.26	7.85	7.79	7.81	7.76	7.8	7.59
Turbidity	N.T.U.	<1.0	6.4	0.7	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	78	74	82	76	192
Total Hardness (CaCO ₃)	mg/l	200	62	64	68	66	70	66	118
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	106	112	108	115	110	220
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 17.10.2024		
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.)	----	----	06:15	06:20	06:30	09:50	07:50	07:10	08:10
Temperature	°C	----	17	18	20	18	20	19	22
pH	----	6.5 t 8.5	8.25	7.84	7.79	7.83	7.76	7.8	7.73
Turbidity	N.T.U.	<1.0	6.1	0.8	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	66	68	76	70	80	72	94
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	70	64	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	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:- 18.10.2024		
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.)	----	----	06:10	06:15	06:25	08:45	07:20	06:55	07:35
Temperature	°C	----	17	18	20	19	20	19	24
pH	----	6.5 t 8.5	8.23	7.85	7.78	7.81	7.75	7.8	7.59
Turbidity	N.T.U.	<1.0	6.5	0.9	0.8	0.6	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	194
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	102	105	113	108	115	111	224
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 19.10.2024		

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.)	----	----	06:10	06:20	06:30	09:05	07:15	07:05	07:50
Temperature	°C	----	18	19	21	19	21	20	21
pH	----	6.5 t 8.5	8.27	7.86	7.81	7.84	7.78	7.83	7.74
Turbidity	N.T.U.	<1.0	6.6	0.7	0.9	0.7	0.9	0.6	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	70	74	80	76	84	78	90
Total Hardness (CaCO ₃)	mg/l	200	62	64	72	66	74	70	82
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	104	108	114	110	117	112	123
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 20.10.2024		
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.)	----	----	06:15	06:20	06:40	08:40	07:25	07:00	07:50
Temperature	°C	----	17	18	20	19	21	20	24
pH	----	6.5 t 8.5	8.25	7.84	7.78	7.79	7.73	7.82	7.57
Turbidity	N.T.U.	<1.0	6.7	0.8	0.5	0.9	0.6	0.5	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	78	74	82	76	186
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	70	64	112
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	101	106	112	109	115	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:- 21.10.2024		
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.)	----	----	06:20	06:25	06:35	09:00	07:10	07:00	07:50
Temperature	°C	----	18	19	21	19	21	20	22
pH	----	6.5 t 8.5	8.23	7.87	7.8	7.81	7.78	7.8	7.72
Turbidity	N.T.U.	<1.0	5.9	0.6	0.8	0.9	0.8	0.7	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	70	80	72	84	74	96
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	72	66	84
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	102	105	113	108	117	110	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:- 22.10.2024		

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.)	----	----	06:15	06:20	06:40	08:30	07:15	07:05	07:35
Temperature	°C	----	17	18	20	19	21	19	24
pH	----	6.5 t 8.5	8.26	7.85	7.81	7.79	7.76	7.82	7.54
Turbidity	N.T.U.	<1.0	6.1	0.8	0.9	0.6	0.7	0.9	0.4
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.3	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	68	72	78	74	82	76	208
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	66	72	68	120
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	103	106	112	109	115	111	242
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)					DATE:- 23.10.2024				
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.)	----	----	06:05	06:10	06:30	08:40	07:20	06:50	08:00
Temperature	°C	----	17	18	21	19	21	20	21
pH	----	6.5 t 8.5	8.29	7.88	7.82	7.86	7.79	7.84	7.75
Turbidity	N.T.U.	<1.0	6	0.7	0.6	0.7	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	64	66	74	68	78	70	92
Total Hardness (CaCO ₃)	mg/l	200	58	60	64	60	68	62	82

Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	100	104	110	106	114	109	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:- 24.10.2024		
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.)	----	----	06:10	06:15	06:50	08:20	07:30	07:20	07:40
Temperature	°C	----	17	18	20	19	21	19	24
pH	----	6.5 t 8.5	8.25	7.86	7.79	7.8	7.76	7.78	7.59
Turbidity	N.T.U.	<1.0	5.7	0.9	0.7	0.9	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	66	68	76	72	82	74	204
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	70	66	118
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	102	105	112	108	115	110	238
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh								
(Physico Chemical Analysis Report)							DATE:- 25.10.2024	
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.)	----	----	06:15	06:20	06:30	08:40	07:15	07:05	07:55
Temperature	°C	----	18	19	21	19	20	19	22
pH	----	6.5 t 8.5	8.26	7.85	7.8	7.84	7.76	7.79	7.72
Turbidity	N.T.U.	<1.0	5.8	0.6	0.9	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	68	70	80	72	84	76	94
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	66	80
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	101	105	113	107	117	109	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:- 26.10.2024	
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.)	----	----	06:20	06:25	06:50	08:40	07:40	07:10	08:00
Temperature	°C	----	18	19	21	20	21	20	24
pH	----	6.5 t 8.5	8.24	7.83	7.78	7.8	7.75	7.81	7.55
Turbidity	N.T.U.	<1.0	6.1	0.8	0.7	0.9	0.6	0.8	0.5
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	70	72	78	74	80	76	210
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	66	70	68	122
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7

Total Dissolved Solids	mg/l	500	103	107	112	108	114	110	244
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 28.10.2024		
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.)	----	----	06:10	06:15	06:25	08:30	07:20	07:00	07:50
Temperature	°C	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.25	7.84	7.78	7.83	7.76	7.8	7.72
Turbidity	N.T.U.	<1.0	6	0.9	0.6	0.8	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	66	70	76	76	82	72	92
Total Hardness (CaCO ₃)	mg/l	200	58	64	68	66	70	70	80
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	104	109	110	112	115	115	123
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 29.10.2024		
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.)	----	----	06:15	06:20	06:30	08:20	07:20	06:55	07:40
Temperature	°C	----	17	18	20	19	20	19	24
pH	----	6.5 t 8.5	8.27	7.86	7.8	7.83	7.78	7.82	7.59
Turbidity	N.T.U.	<1.0	5.7	0.7	0.9	0.6	0.8	0.7	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	208
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	70	66	126
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	102	106	114	109	116	110	241
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 30.10.2024		
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.)	----	----	06:20	06:25	06:50	08:40	07:30	07:05	07:55
Temperature	°C	----	17	18	20	18	20	19	22
pH	----	6.5 t 8.5	8.26	7.85	7.81	7.84	7.77	7.8	7.74
Turbidity	N.T.U.	<1.0	5.6	0.6	0.8	0.7	0.7	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	70	72	80	74	84	76	96
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	66	72	68	82
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	103	107	112	108	114	109	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:- 31.10.2024		
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.)	----	----	06:25	06:30	06:40	08:20	07:25	07:10	07:40
Temperature	°C	----	18	19	20	19	21	20	24
pH	----	6.5 t 8.5	8.24	7.87	7.82	7.84	7.79	7.85	7.55

Turbidity	N.T.U.	<1.0	5.7	0.9	0.6	0.7	0.9	0.8	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 (CaCO₃)	mg/l	200	66	68	76	72	82	74	216
Total Hardness (CaCO₃)	mg/l	200	58	60	68	64	70	66	130
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	101	105	111	108	115	110	247
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL