

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 01.08.2024		
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.)	----	----	6:10	6:15	6:25	9:00	7:25	6:55	8:20
Temperature	°C	----	18	19	21	20	22	21	25
pH	----	6.5 t 8.5	8.23	7.85	7.78	7.8	7.76	7.81	7.61
Turbidity	N.T.U.	<1.0	7.1	0.8	0.7	0.9	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	66	68	80	74	84	78	146
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	72	66	100
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	105	109	120	115	123	118	178
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 02.08.2024		
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-I
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:05	6:10	6:20	9:00	7:15	6:55	7:35
Temperature	°C	----	18	19	21	20	22	21	24
pH	----	6.5 t 8.5	8.25	7.87	7.8	7.85	7.77	7.82	7.67
Turbidity	N.T.U.	<1.0	7.4	0.6	0.8	0.9	0.6	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 (CaCO ₃)	mg/l	200	64	68	78	72	82	76	150
Total Hardness (CaCO ₃)	mg/l	200	58	60	66	62	70	64	102
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	104	108	118	112	122	115	181
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 03.08.2024		
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.)	----	----	6:15	6:20	6:45	9:05	7:35	7:05	8:15
Temperature	°C	----	18	19	22	21	22	21	25
pH	----	6.5 t 8.5	8.24	7.86	7.79	7.84	7.8	7.78	7.66
Turbidity	N.T.U.	<1.0	7.2	0.7	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	82	74	84	78	144
Total Hardness (CaCO ₃)	mg/l	200	60	62	72	66	74	68	98
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	106	110	121	114	124	117	175
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 04.08.2024		

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-I
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:10	6:15	7:30	9:50	8:27	8:12	8:59
Temperature	°C	----	18	18	21	23	24	24	24
pH	----	6.5 t 8.5	8.2	7.88	7.78	7.68	7.79	7.66	7.75
Turbidity	N.T.U.	<1.0	7	0.8	0.7	0.6	0.7	0.4	0.8
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	66	70	80	74	84	76	142
Total Hardness (CaCO ₃)	mg/l	200	58	60	72	64	76	68	96
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	105	109	120	113	123	116	172
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 05.08.2024		
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.)	----	----	6:05	6:10	6:20	8:45	7:20	7:00	8:00
Temperature	°C	----	18	19	22	21	22	21	25
pH	----	6.5 t 8.5	8.23	7.85	7.79	7.81	7.76	7.8	7.63
Turbidity	N.T.U.	<1.0	7.4	0.9	0.8	0.6	0.7	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	82	76	86	78	136
Total Hardness (CaCO ₃)	mg/l	200	62	64	72	66	74	68	94
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	108	112	122	115	125	118	168
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 06.08.2024		
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-I
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:10	6:15	6:25	9:35	7:15	7:00	7:35
Temperature	°C	----	18	19	22	20	22	21	24
pH	----	6.5 t 8.5	8.21	7.86	7.78	7.85	7.74	7.79	7.68
Turbidity	N.T.U.	<1.0	7.2	0.6	0.7	0.7	0.6	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	68	70	80	72	84	76	144
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	66	98
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	106	110	121	114	124	117	175
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 07.08.2024		

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.)	----	----	6:15	6:20	6:30	8:45	7:20	7:00	8:15
Temperature	°C	----	18	19	21	20	22	21	25
pH	----	6.5 t 8.5	8.24	7.84	7.77	7.81	7.75	7.78	7.62
Turbidity	N.T.U.	<1.0	8.5	0.7	0.6	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	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	70	72	78	74	82	76	138
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	66	72	68	96
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	107	111	120	115	123	118	170
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 08.08.2024	
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-I
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:10	6:15	6:40	9:35	7:25	7:05	8:05
Temperature	°C	----	18	19	22	20	22	21	24
pH	----	6.5 t 8.5	8.21	7.85	7.79	7.83	7.76	7.78	7.68
Turbidity	N.T.U.	<1.0	8.2	0.9	0.7	0.9	0.6	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 (CaCO ₃)	mg/l	200	66	70	76	72	80	74	152
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	70	66	104

Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	104	108	116	111	118	113	182
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 09.08.2024		
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.)	----	----	6:05	6:10	6:20	9:10	7:00	6:50	8:00
Temperature	°C	----	18	19	22	21	22	21	25
pH	----	6.5 t 8.5	8.25	7.87	7.8	7.84	7.78	7.81	7.63
Turbidity	N.T.U.	<1.0	7.6	0.8	0.9	0.7	0.8	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	64	68	78	74	82	76	132
Total Hardness (CaCO ₃)	mg/l	200	58	62	68	64	70	66	94
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	107	115	110	119	112	167
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh								
(Physico Chemical Analysis Report)							DATE:- 10.08.2024	
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-I

			Raw	Treated	Water Works Sector - 37	Water Works Sector - 52	Water Works Sector - 26	Water Works Sector - 12	Water Works Sector - 13-II
Time of Collection (A.M.)	----	----	6:10	6:15	6:25	9:05	7:00	6:45	7:20
Temperature	°C	----	18	19	22	20	22	21	24
pH	----	6.5 t 8.5	8.24	7.86	7.78	7.84	7.75	7.8	7.64
Turbidity	N.T.U.	<1.0	6.9	0.6	0.7	0.7	0.6	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 (CaCO ₃)	mg/l	200	66	68	78	72	84	74	148
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	66	100
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	103	106	116	110	120	112	179
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 11.08.2024	
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.)	----	----	6:05	6:10	6:30	8:35	7:05	6:55	8:00
Temperature	°C	----	18	19	22	22	19	21	25
pH	----	6.5 t 8.5	8.27	7.86	7.76	7.78	7.8	7.82	7.73
Turbidity	N.T.U.	<1.0	7.4	0.9	0.8	0.6	0.5	0.6	0.6
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	70	82	74	86	78	124
Total Hardness (CaCO ₃)	mg/l	200	60	62	72	66	74	68	90
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6

Total Dissolved Solids	mg/l	500	104	108	118	112	121	115	156
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 12.08.2024	
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-I
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:15	6:20	6:30	9:30	7:25	7:10	7:40
Temperature	°C	----	18	18	20	19	21	20	22
pH	----	6.5 t 8.5	8.24	7.85	7.78	7.83	7.76	7.8	7.69
Turbidity	N.T.U.	<1.0	44.7	0.7	0.9	0.8	0.6	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	64	66	78	70	80	74	144
Total Hardness (CaCO ₃)	mg/l	200	58	60	70	62	72	66	98
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	105	116	109	119	113	176
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 13.08.2024	
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-I
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:10	6:15	6:25	9:05	7:25	6:55	8:15

Temperature	°C	----	18	19	21	20	21	20	24
pH	----	6.5 t 8.5	8.26	7.87	7.8	7.83	7.77	7.79	7.69
Turbidity	N.T.U.	<1.0	90.4	0.8	0.7	0.9	0.7	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	66	70	80	72	84	76	130
Total Hardness (CaCO ₃)	mg/l	200	60	62	72	64	74	68	94
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	103	107	119	110	122	114	160
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 14.08.2024	
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-I
			Raw	Treated					
Time of Collection (A.M.)	----	----	6:05	6:10	6:20	9:25	7:25	7:00	7:40
Temperature	°C	----	18	19	21	19	21	20	23
pH	----	6.5 t 8.5	8.23	7.85	7.79	7.83	7.75	7.8	7.62
Turbidity	N.T.U.	<1.0	19.3	0.6	0.8	0.9	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	72	80	74	82	76	150
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	70	66	102
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	105	109	118	111	120	113	180
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 15.08.2024	
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-I	

			Raw	Treated	Water 1	Water 2	Water 3	Water 4	Water 5
Time of Collection (A.M.)	----	----	6:05	6:10	6:20	8:50	7:10	7:00	8:30
Temperature	°C	----	17	18	20	18	20	21	23
pH	----	6.5 t 8.5	8.2	7.88	7.8	7.79	7.77	7.79	7.7
Turbidity	N.T.U.	<1.0	19	0.7	0.8	0.8	0.8	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	66	68	78	72	82	74	136
Total Hardness (CaCO ₃)	mg/l	200	58	60	70	62	72	66	92
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	106	117	110	121	112	164
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL