

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 16.08.2024		
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.)	----	----	06:10	06:15	06:25	09:20	07:10	06:55	07:20
Temperature	°C	----	17	18	20	18	20	19	22
pH	----	6.5 t 8.5	8.22	7.86	7.78	7.84	7.76	7.81	7.63
Turbidity	N.T.U.	<1.0	14.8	0.9	0.6	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	68	70	80	72	86	76	142
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	74	66	100
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	103	107	119	110	123	114	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:- 17.08.2024		
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.)	----	----	06:15	06:20	06:30	08:35	07:20	07:00	08:05
Temperature	°C	----	18	19	21	20	21	20	23
pH	----	6.5 t 8.5	8.23	7.87	7.81	7.84	7.78	7.8	7.69
Turbidity	N.T.U.	<1.0	12.3	0.7	0.9	0.8	0.6	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	70	74	80	76	84	78	138
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	105	109	118	112	122	115	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:- 18.08.2024		
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.)	----	----	06:05	06:10	06:20	08:50	07:10	07:00	07:20
Temperature	°C	----	18	19	21	19	21	20	24
pH	----	6.5 t 8.5	8.21	7.84	7.78	7.83	7.75	7.81	7.63
Turbidity	N.T.U.	<1.0	13.5	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	72	78	74	82	76	146
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	66	102
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	104	108	117	111	121	113	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:- 19.08.2024		

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.)	----	----	06:10	06:15	06:25	08:30	07:20	06:50	08:05
Temperature	°C	----	18	19	20	22	21	22	23
pH	----	6.5 t 8.5	8.23	7.87	7.8	7.77	7.78	7.81	7.72
Turbidity	N.T.U.	<1.0	12.4	0.6	0.8	0.7	0.9	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	74	84	78	134
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	64	70	66	92
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	106	119	110	120	112	165
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 20.08.2024		
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.)	----	----	06:05	06:10	06:20	06:35	08:50	09:00	08:20
Temperature	°C	----	18	19	21	20	21	20	23
pH	----	6.5 t 8.5	8.2	7.84	7.77	7.82	7.74	7.79	7.66
Turbidity	N.T.U.	<1.0	12.7	0.9	0.8	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	64	68	78	70	82	72	150
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	70	64	104
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	103	107	118	109	121	111	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:- 21.08.2024		
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.)	----	----	06:15	06:20	06:30	09:05	07:30	07:05	08:20
Temperature	°C	----	18	19	21	20	21	20	24
pH	----	6.5 t 8.5	8.21	7.86	7.79	7.82	7.76	7.8	7.68
Turbidity	N.T.U.	<1.0	11.8	0.7	0.9	0.8	0.6	0.7	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	70	82	72	86	76	138
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	74	66	96
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	105	109	120	111	122	114	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:- 22.08.2024		

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.)	----	----	06:10	06:15	06:25	09:15	07:20	07:10	07:40
Temperature	°C	----	18	19	21	20	22	21	23
pH	----	6.5 t 8.5	8.24	7.87	7.8	7.86	7.77	7.81	7.65
Turbidity	N.T.U.	<1.0	12	0.6	0.8	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	68	80	72	82	74	146
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	70	64	100
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	107	119	110	121	113	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:- 23.08.2024	
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.)	----	----	06:10	06:15	06:30	08:45	07:35	07:05	08:00
Temperature	°C	----	18	19	21	20	22	21	24
pH	----	6.5 t 8.5	8.23	7.85	7.78	7.8	7.75	7.82	7.67
Turbidity	N.T.U.	<1.0	11.4	0.8	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	68	72	80	74	86	76	140
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	104	108	118	112	122	114	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:- 24.08.2024		
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.)	----	----	06:15	06:20	06:40	09:25	07:30	07:20	07:50
Temperature	°C	----	18	19	21	20	22	21	23
pH	----	6.5 t 8.5	8.25	7.86	7.79	7.85	7.77	7.8	7.63
Turbidity	N.T.U.	<1.0	9.8	0.6	0.7	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	64	68	78	72	84	74	148
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	70	64	102
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	101	105	117	109	120	112	183
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 25.08.2024		
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.)	----	----	06:10	06:15	06:30	08:30	07:10	07:00	07:50
Temperature	°C	----	18	19	21	20	22	21	24
pH	----	6.5 t 8.5	8.26	7.83	7.77	7.8	7.75	7.79	7.7
Turbidity	N.T.U.	<1.0	9.7	0.9	0.7	0.8	0.7	0.6	0.4
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.3	0.4
Total Alkalinity (CaCO ₃)	mg/l	200	68	70	76	72	80	74	142
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	70	66	96
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	104	108	115	110	119	113	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:- 26.08.2024	
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.)	----	----	06:10	06:15	06:25	08:45	07:05	06:50	07:25
Temperature	°C	----	18	19	21	20	22	21	23
pH	----	6.5 t 8.5	8.24	7.85	7.8	7.83	7.76	7.79	7.64
Turbidity	N.T.U.	<1.0	9.5	0.8	0.9	0.9	0.6	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	66	68	78	70	82	72	150
Total Hardness (CaCO ₃)	mg/l	200	58	60	70	62	74	64	104
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6

Total Dissolved Solids	mg/l	500	102	106	117	108	121	111	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:- 27.08.2024		
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.)	----	----	06:05	06:10	06:20	09:15	07:30	06:55	08:05
Temperature	°C	----	18	19	21	20	22	21	24
pH	----	6.5 t 8.5	8.25	7.86	7.78	7.81	7.74	7.82	7.69
Turbidity	N.T.U.	<1.0	9.8	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	66	68	76	72	80	74	138
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	72	64	94
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	103	107	116	110	120	112	169
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 28.08.2024		
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.)	----	----	06:15	06:20	06:30	09:20	07:05	06:55	07:25
Temperature	°C	----	18	19	21	20	21	20	24
pH	----	6.5 t 8.5	8.24	7.84	7.77	7.83	7.75	7.81	7.62
Turbidity	N.T.U.	<1.0	10.2	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	0.4
Total Alkalinity (CaCO ₃)	mg/l	200	64	66	76	68	78	72	104
Total Hardness (CaCO ₃)	mg/l	200	58	60	66	62	70	64	100
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	101	105	115	108	118	111	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:- 29.08.2024		
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.)	----	----	06:10	06:15	06:25	09:00	07:20	07:00	08:10
Temperature	°C	----	18	19	21	20	22	21	23
pH	----	6.5 t 8.5	8.22	7.85	7.79	7.82	7.77	7.8	7.7
Turbidity	N.T.U.	<1.0	10.5	0.8	0.9	0.7	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	66	68	80	90	84	74	134
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	62	72	64	92
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	106	117	109	121	112	165
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 30.08.2024		
			Water Treatment						

Parameter	Unit	Quality standard	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.)	----	----	06:15	06:20	06:35	08:45	07:20	07:10	07:40
Temperature	°C	----	18	19	21	20	22	21	24
pH	----	6.5 t 8.5	8.24	7.86	7.78	7.85	7.76	7.81	7.64
Turbidity	N.T.U.	<1.0	11	0.6	0.8	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	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	68	72	78	72	82	76	152
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	70	66	104
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	104	108	116	110	119	113	183
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 31.08.2024	
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.)	----	----	06:10	06:15	06:25	08:50	07:15	07:05	08:00
Temperature	°C	----	18	19	21	20	22	21	23
pH	----	6.5 t 8.5	8.25	7.87	7.8	7.84	7.78	7.86	7.67
Turbidity	N.T.U.	<1.0	10.7	0.7	0.9	0.8	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	66	70	80	74	84	76	140
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	64	72	66	96
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	103	106	117	111	120	114	171
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL