

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 16.09.2024		
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	07:00	08:50	07:30	07:10	08:10
Temperature	°C	----	19	17	21	20	23	20	23
pH	----	6.5 t 8.5	8.27	7.82	7.83	7.79	7.75	7.76	7.72
Turbidity	N.T.U.	<1.0	9.5	0.9	0.7	0.6	0.8	0.5	0.9
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	84	76	140
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	64	72	66	96
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	103	107	116	110	120	112	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:- 17.09.2024		
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	09:00	07:30	07:10	08:05
Temperature	°C	----	17	18	20	19	21	20	22
pH	----	6.5 t 8.5	8.26	7.85	7.79	7.84	7.76	7.8	7.73
Turbidity	N.T.U.	<1.0	9.3	0.6	0.8	0.8	0.7	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	68	70	78	72	82	74	98
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	62	70	64	82
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	105	113	106	116	109	135
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 18.09.2024	
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	06:45	07:20	08:50	09:10	08:40
Temperature	°C	----	17	18	20	19	21	20	23
pH	----	6.5 t 8.5	8.24	7.87	7.8	7.83	7.78	7.81	7.65
Turbidity	N.T.U.	<1.0	9.6	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	66	68	76	72	80	74	144
Total Hardness (CaCO ₃)	mg/l	200	88	60	68	62	70	64	102
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	100	104	112	107	115	108	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:- 19.09.2024		
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	06:35	08:50	07:15	06:55	07:30
Temperature	°C	----	17	18	20	19	21	20	22
pH	----	6.5 t 8.5	8.22	7.84	7.78	7.82	7.75	7.79	7.73
Turbidity	N.T.U.	<1.0	9.1	0.7	0.9	0.6	0.7	0.9	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	68	78	70	82	74	92
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	66	78
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	101	105	114	108	117	110	131
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 20.09.2024		
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	06:40	08:50	07:30	07:00	07:45
Temperature	°C	----	17	18	20	19	21	20	23
pH	----	6.5 t 8.5	8.24	7.85	7.77	7.81	7.78	7.8	7.66
Turbidity	N.T.U.	<1.0	9.2	0.9	0.6	0.9	0.8	0.6	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	76	72	82	76	140
Total Hardness (CaCO ₃)	mg/l	200	62	64	68	66	72	68	98
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	103	106	113	109	116	112	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:- 21.09.2024		
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	06:20	09:25	07:10	07:00	07:45
Temperature	°C	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.23	7.86	7.79	7.85	7.76	7.8	7.71
Turbidity	N.T.U.	<1.0	9.7	0.8	0.9	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	0.4
Total Alkalinity (CaCO ₃)	mg/l	200	66	70	78	72	86	74	104
Total Hardness (CaCO ₃)	mg/l	200	58	60	70	62	74	64	86
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	105	115	107	118	109	139
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 22.09.2024	
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	08:45	07:50	07:40	08:10
Temperature	°C	----	17	18	20	19	20	19	22
pH	----	6.5 t 8.5	8.27	7.81	7.74	7.83	7.75	7.81	7.65
Turbidity	N.T.U.	<1.0	9.1	0.8	0.5	0.9	0.6	0.5	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	70	72	80	74	84	76	138
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	64	72	66	96
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	104	108	116	110	119	112	171
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 23.09.2024		
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	06:50	09:00	07:40	07:15	08:20
Temperature	°C	----	17	18	20	19	20	19	21
pH	----	6.5 t 8.5	8.26	7.85	7.78	7.83	7.75	7.82	7.73
Turbidity	N.T.U.	<1.0	9.4	0.7	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	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	68	72	78	72	82	74	102
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	62	70	64	84
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	103	106	114	109	117	110	135
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 24.09.2024	
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	06:45	07:30	08:45	06:35	08:30
Temperature	°C	----	17	18	20	19	20	19	23
pH	----	6.5 t 8.5	8.24	7.87	7.8	7.84	7.76	7.81	7.68
Turbidity	N.T.U.	<1.0	9.6	0.9	0.7	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	70	72	80	74	84	76	142
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	66	72	66	100
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	105	108	116	110	119	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:- 25.09.2024	
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	09:00	07:10	06:55	07:40
Temperature	°C	----	17	18	20	18	20	19	22
pH	----	6.5 t 8.5	8.23	7.84	7.78	7.82	7.74	7.77	7.72
Turbidity	N.T.U.	<1.0	8.9	0.8	0.6	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	66	68	76	70	82	72	94
Total Hardness (CaCO ₃)	mg/l	200	58	60	66	60	70	62	78
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	102	105	113	107	116	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:- 26.09.2024		
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	06:55	08:50	07:35	07:25	08:00
Temperature	°C	----	17	18	20	19	20	19	22
pH	----	6.5 t 8.5	8.22	7.85	7.79	7.82	7.76	7.8	7.68
Turbidity	N.T.U.	<1.0	10.7	0.6	0.8	0.7	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	68	70	78	72	80	74	136
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	70	66	98
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	103	106	114	108	115	111	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:- 27.09.2024		
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	06:15	06:25	08:55	07:15	06:55	07:55
Temperature	°C	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.25	7.86	7.8	7.85	7.78	7.79	7.72
Turbidity	N.T.U.	<1.0	10..	0.7	0.9	0.6	0.7	0.8	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	68	76	70	80	72	92
Total Hardness (CaCO ₃)	mg/l	200	58	60	66	62	68	64	75
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	100	104	112	106	115	108	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:- 28.09.2024		
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.)	----	----	06:05	06:10	09:15	08:35	07:05	06:50	07:25
Temperature	°C	----	17	18	20	19	20	19	22
pH	----	6.5 t 8.5	8.22	7.84	7.78	7.8	7.75	7.79	7.69
Turbidity	N.T.U.	<1.0	9.7	0.8	0.6	0.7	0.8	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	72	78	74	82	74	132
Total Hardness (CaCO ₃)	mg/l	200	62	64	68	64	70	66	94
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	105	113	107	116	109	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:- 29.09.2024		
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	06:15	06:25	08:50	07:35	07:05	08:15
Temperature	°C	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.21	7.81	7.78	7.83	7.76	7.78	7.75
Turbidity	N.T.U.	<1.0	9.2	0.8	0.5	0.5	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	68	70	78	72	82	74	88
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	66	74
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	101	104	114	108	117	110	122
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 30.09.2024		
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	08:55	07:30	07:00	08:00
Temperature	°C	----	17	18	20	19	20	19	22
pH	----	6.5 t 8.5	8.24	7.83	7.77	7.8	7.78	7.81	7.68
Turbidity	N.T.U.	<1.0	8.7	0.6	0.7	0.9	0.7	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	70	72	80	74	82	74	128
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	66	70	68	92
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	103	106	112	108	116	109	163
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL