

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 01.05.2025		
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	08:40	07:25	07:05	07:40
Temperature	°C	----	19	20	22	21	22	21	25
pH	----	6.5 t 8.5	8.26	7.87	7.81	7.83	7.78	7.82	7.45
Turbidity	N.T.U.	<1.0	2.5	0.6	0.7	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	70	74	86	78	92	80	284
Total Hardness (CaCO ₃)	mg/l	200	62	64	74	68	78	70	150
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	9
Total Dissolved Solids	mg/l	500	119	122	130	125	133	126	298
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 02.05.2025		
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	09:10	07:10	07:00	07:25
Temperature	°C	----	19	20	22	20	22	21	23
pH	----	6.5 t 8.5	8.23	7.84	7.78	7.83	7.76	7.79	7.75
Turbidity	N.T.U.	<1.0	2.4	0.8	0.9	0.8	0.6	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	72	76	88	78	92	82	94
Total Hardness (CaCO ₃)	mg/l	200	64	66	74	68	78	70	82
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	4

Total Dissolved Solids	mg/l	500	120	123	129	124	131	127	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:-03.05.2025	
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	06:30	08:00	07:10	07:00	07:30
Temperature	°C	----	19	20	22	21	22	21	25
pH	----	6.5 t 8.5	8.25	7.86	7.79	7.82	7.78	7.8	7.46
Turbidity	N.T.U.	<1.0	2.6	0.7	0.6	0.8	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	74	76	90	80	94	82	280
Total Hardness (CaCO ₃)	mg/l	200	66	68	78	70	80	72	146
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	9
Total Dissolved Solids	mg/l	500	121	123	131	125	132	127	294
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 05.05.2025	
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.)	----	----	06:05	06:10	09:20	08:55	07:35	07:10	08:00
Temperature	°C	----	19	20	22	20	22	21	23
pH	----	6.5 t 8.5	8.23	7.84	7.77	7.82	7.75	7.79	7.76
Turbidity	N.T.U.	<1.0	2.3	0.6	0.7	0.8	0.9	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	72	74	86	78	92	80	96
Total Hardness (CaCO ₃)	mg/l	200	64	66	74	68	78	70	82
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	120	122	130	124	133	126	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:- 06.05.2025		
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.)	----	----	06:00	06:05	06:50	08:30	07:25	07:15	07:30
Temperature	°C	----	19	20	22	21	22	21	25
pH	----	6.5 t 8.5	8.25	7.85	7.78	7.8	7.77	7.82	7.47
Turbidity	N.T.U.	<1.0	2.4	0.9	0.7	0.8	0.6	0.8	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	74	76	88	80	94	84	286
Total Hardness (CaCO ₃)	mg/l	200	66	68	76	70	80	72	150
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	9
Total Dissolved Solids	mg/l	500	122	124	131	126	134	128	297
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh								
(Physico Chemical Analysis Report)							DATE:- 07.05.2025	
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	09:05	07:30	06:50	08:25
Temperature	°C	----	19	20	22	20	22	21	23
pH	----	6.5 t 8.5	8.24	7.83	7.77	7.81	7.75	7.78	7.72
Turbidity	N.T.U.	<1.0	2.2	0.7	0.6	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	0.4
Total Alkalinity (CaCO ₃)	mg/l	200	70	72	86	76	90	80	98
Total Hardness (CaCO ₃)	mg/l	200	62	64	72	66	76	68	84
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	120	123	129	124	131	126	136
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 08.05.2025	
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	07:45	08:50	08:05	07:55	08:20
Temperature	°C	----	19	20	22	21	22	21	25
pH	----	6.5 t 8.5	8.23	7.84	7.79	7.81	7.76	7.78	7.46
Turbidity	N.T.U.	<1.0	2.6	0.8	0.9	0.6	0.8	0.7	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	74	74	88	78	92	82	280

Total Hardness (CaCO ₃)	mg/l	200	64	66	74	68	78	70	146
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	9
Total Dissolved Solids	mg/l	500	121	124	130	125	132	127	292
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 09.05.2025	
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	07:15	08:45	07:40	07:30	08:00
Temperature	°C	----	19	20	22	20	22	21	23
pH	----	6.5 t 8.5	8.25	7.86	7.78	7.81	7.74	7.78	7.75
Turbidity	N.T.U.	<1.0	2.8	0.6	0.8	0.7	0.6	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	70	72	84	74	90	78	94
Total Hardness (CaCO ₃)	mg/l	200	62	64	72	66	76	68	80
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	120	122	128	123	131	125	133
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 10.05.2025	
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	06:30	08:20	07:05	06:55	07:20
Temperature	°C	----	19	20	22	21	22	21	25
pH	----	6.5 t 8.5	8.24	7.83	7.76	7.79	7.75	7.77	7.49
Turbidity	N.T.U.	<1.0	2.5	0.9	0.7	0.8	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	74	76	90	80	96	82	278
Total Hardness (CaCO ₃)	mg/l	200	64	68	78	70	82	72	144
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	9
Total Dissolved Solids	mg/l	500	122	125	131	126	133	128	295
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 13.05.2025	
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.)	----	----	06:05	06:10	06:20	06:40	08:20	08:40	07:50
Temperature	°C	----	19	20	22	20	22	21	23
pH	----	6.5 t 8.5	8.26	7.82	7.76	7.8	7.75	7.78	7.72
Turbidity	N.T.U.	<1.0	3.2	0.7	0.6	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	0.2
Total Alkalinity (CaCO ₃)	mg/l	200	72	74	86	76	94	80	98
Total Hardness (CaCO ₃)	mg/l	200	64	66	74	68	80	70	84
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	121	123	130	124	134	127	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:- 14.05.2025		
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	08:40	07:25	06:50	07:35
Temperature	°C	----	19	20	22	21	22	21	25
pH	----	6.5 t 8.5	8.23	7.84	7.77	7.81	7.74	7.78	7.44
Turbidity	N.T.U.	<1.0	3	0.8	0.7	0.6	0.7	0.9	0.5
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	74	78	90	80	96	84	280
Total Hardness (CaCO ₃)	mg/l	200	66	68	76	70	80	72	142
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	9
Total Dissolved Solids	mg/l	500	122	124	132	127	135	128	292
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 15.05.2025		
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	09:25	08:25	06:45	07:55
Temperature	°C	----	19	20	22	20	22	21	23
pH	----	6.5 t 8.5	8.24	7.85	7.78	7.84	7.76	7.8	7.75
Turbidity	N.T.U.	<1.0	2	0.7	0.9	0.9	0.6	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	76	80	92	82	98	86	94
Total Hardness (CaCO ₃)	mg/l	200	68	70	78	70	84	74	80

Chloride (Cl)	mg/l	250	4	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	123	125	133	126	138	128	134
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL