

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 16.01.2025		
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.)	----	----	06:25	06:30	06:45	09:00	07:30	07:10	07:45
Temperature	°C	----	14	15	17	16	18	17	21
pH	----	6.5 t 8.5	8.24	7.86	7.79	7.83	7.76	7.81	7.58
Turbidity	N.T.U.	<1.0	2.3	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	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	66	68	78	72	80	74	210
Total Hardness (CaCO ₃)	mg/l	200	58	60	70	62	72	64	128
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	108	111	117	114	120	115	246
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 17.01.2025		
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.)	----	----	06:20	06:25	06:40	09:10	07:35	06:55	08:00
Temperature	°C	----	14	15	17	15	18	17	18
pH	----	6.5 t 8.5	8.25	7.86	7.8	7.85	7.78	7.82	7.76
Turbidity	N.T.U.	<1.0	2.4	0.6	0.8	0.8	0.9	0.6	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	80	72	84	76	92
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	72	66	80
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	6

Total Dissolved Solids	mg/l	500	109	112	118	113	121	116	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:- 18.01.2025	
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	06:50	09:15	07:45	07:20	07:55
Temperature	°C	----	14	15	17	16	18	17	20
pH	----	6.5 t 8.5	8.27	7.85	7.78	7.8	7.77	7.84	7.58
Turbidity	N.T.U.	<1.0	2.5	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	70	74	82	76	86	78	208
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	66	74	68	126
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	111	113	120	115	122	117	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:- 20.01.2025	
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.)	----	----	06:20	06:25	06:35	07:15	08:35	07:00	08:00
Temperature	°C	----	14	15	17	16	18	17	18
pH	----	6.5 t 8.5	8.26	7.84	7.79	7.83	7.78	7.81	7.74
Turbidity	N.T.U.	<1.0	2.6	0.7	0.6	0.7	0.7	0.8	0.7
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.3	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	68	64	72	66	82
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	110	112	119	114	120	116	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:- 21.01.2025		
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.)	----	----	06:25	06:30	06:45	08:20	07:20	07:00	07:40
Temperature	°C	----	14	15	17	16	18	17	20
pH	----	6.5 t 8.5	8.27	7.86	7.79	7.83	7.77	7.82	7.57
Turbidity	N.T.U.	<1.0	2.4	0.9	0.7	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	72	74	82	76	86	78	204
Total Hardness (CaCO ₃)	mg/l	200	64	66	70	66	74	68	122
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	112	114	120	115	123	117	239
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 22.01.2025		
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.)	----	----	06:20	06:25	06:35	09:10	07:30	07:10	08:10
Temperature	°C	----	14	15	17	15	18	17	18
pH	----	6.5 t 8.5	8.26	7.85	7.78	7.84	7.75	7.8	7.75
Turbidity	N.T.U.	<1.0	2.5	0.7	0.8	0.8	0.9	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	70	72	80	74	84	76	92
Total Hardness (CaCO ₃)	mg/l	200	62	64	68	64	72	66	80
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	111	113	118	114	121	115	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:- 23.01.2025		
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.)	----	----	06:30	06:35	07:00	08:50	07:40	07:30	07:55
Temperature	°C	----	14	15	17	16	17	16	20
pH	----	6.5 t 8.5	8.27	7.86	7.76	7.85	7.71	7.81	7.7
Turbidity	N.T.U.	<1.0	2.3	0.8	0.9	0.7	0.7	0.6	0.6
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	68	72	82	76	86	78	198

Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	74	68	120
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	109	112	119	115	123	117	232
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 24.01.2025	
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.)	----	----	06:25	06:30	06:40	07:05	08:35	08:55	08:00
Temperature	°C	----	14	15	17	16	17	16	18
pH	----	6.5 t 8.5	8.24	7.83	7.77	7.82	7.75	7.79	7.74
Turbidity	N.T.U.	<1.0	2.6	0.6	0.8	0.7	0.8	0.9	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	70	72	78	74	82	76	96
Total Hardness (CaCO ₃)	mg/l	200	62	64	68	66	70	66	82
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	110	113	117	114	120	116	129
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh								
(Physico Chemical Analysis Report)							DATE:- 25.01.2025	
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

M.C. Public Health Laboratory Chandigarh

(Physico Chemical Analysis Report)

DATE:- 28.01.2025

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.)	----	----	06:20	06:25	06:35	08:25	07:25	07:00	07:45
Temperature	°C	----	14	15	17	16	18	17	20
pH	----	6.5 t 8.5	8.25	7.84	7.78	7.82	7.76	7.81	7.54
Turbidity	N.T.U.	<1.0	2.7	0.6	0.7	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	72	76	82	78	86	80	210
Total Hardness (CaCO ₃)	mg/l	200	64	66	72	68	74	70	126
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	111	114	120	116	123	118	246
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh

(Physico Chemical Analysis Report)

DATE:- 29.01.2025

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.)	----	----	06:15	06:20	06:30	08:55	07:15	07:05	07:55
Temperature	°C	----	14	15	17	15	17	16	18
pH	----	6.5 t 8.5	8.24	7.85	7.79	7.84	7.77	7.8	7.75
Turbidity	N.T.U.	<1.0	2.5	0.7	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	0.3	0.3
Total Alkalinity (CaCO₃)	mg/l	200	68	72	78	74	82	76	96
Total Hardness (CaCO₃)	mg/l	200	60	62	70	64	72	66	80
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	109	112	118	114	121	116	129
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 30.01.2025		
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.)	----	----	06:20	06:25	06:35	08:20	07:05	06:55	07:25
Temperature	°C	----	15	16	18	17	18	17	20
pH	----	6.5 t 8.5	8.26	7.87	7.8	7.83	7.78	7.82	7.55
Turbidity	N.T.U.	<1.0	2.7	0.8	0.7	0.9	0.7	0.6	0.4
Residual Chlorine	mg/l	0.2 to 0.4	NIL	0.4	0.4	0.4	0.4	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	70	74	82	76	84	78	218
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	66	72	68	130
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	110	113	119	115	122	117	252
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 31.01.2025		
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.)	----	----	06:25	06:30	06:45	07:00	08:00	08:40	07:30
Temperature	°C	----	15	16	17	17	18	16	18
pH	----	6.5 t 8.5	8.27	7.86	7.89	7.85	7.77	7.82	7.76
Turbidity	N.T.U.	<1.0	2.4	0.9	0.7	0.7	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	66	70	80	72	82	74	94
Total Hardness (CaCO ₃)	mg/l	200	58	60	70	60	72	64	80
Chloride (Cl)	mg/l	250	4	4	4	4	4	4	6

Total Dissolved Solids	mg/l	500	108	111	118	113	120	116	127
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL