

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 01.11.2024		
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.)	----	----	06:25	06:30	06:40	08:20	07:25	07:10	07:40
Temperature	oC	----	18	19	20	19	21	20	24
pH	----	6.5 t 8.5	8.24	7.87	7.82	7.84	7.79	7.85	7.55
Turbidity	N.T.U.	<1.0	5.7	0.9	0.6	0.7	0.9	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	76	72	82	74	216
Total Hardness (CaCO ₃)	mg/l	200	58	60	68	64	70	66	130
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	101	105	111	108	115	110	247
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 02.11.2024		
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.)	----	----	06:20	06:25	06:35	08:30	07:20	07:10	07:50
Temperature	oC	----	18	19	20	19	21	20	22
pH	----	6.5 t 8.5	8.26	7.84	7.78	7.8	7.77	7.81	7.72
Turbidity	N.T.U.	<1.0	5.9	0.9	0.9	0.8	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	66	70	78	72	84	74	92
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	64	80
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	100	104	110	106	113	108	125
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 04.11.2024	
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.)	----	----	06:25	06:30	06:40	08:30	07:40	07:20	07:55
Temperature	oC	----	17	18	20	19	20	19	24
pH	----	6.5 t 8.5	8.27	7.86	7.8	7.82	7.76	7.81	7.55
Turbidity	N.T.U.	<1.0	6.1	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	84	76	220
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	66	74	66	134
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	102	106	113	109	116	110	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:- 05.11.2024	
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.)	----	----	06:20	06:25	06:35	08:40	07:25	06:55	07:55
Temperature	oC	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.25	7.85	7.78	7.83	7.75	7.8	7.72
Turbidity	N.T.U.	<1.0	6	0.8	0.6	0.8	0.9	0.6	0.9
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	98
Total Hardness (CaCO ₃)	mg/l	200	58	60	66	62	70	64	84
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	101	105	112	107	115	109	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:- 06.11.2024	
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.)	----	----	06:25	06:30	06:40	08:20	07:15	07:05	07:35
Temperature	oC	----	17	18	20	19	20	19	24
pH	----	6.5 t 8.5	8.23	7.84	7.77	7.8	7.74	7.78	7.6
Turbidity	N.T.U.	<1.0	5.7	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	0.4	0.3
Total Alkalinity (CaCO ₃)	mg/l	200	70	74	80	76	86	78	210
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	68	74	70	128
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	103	107	114	109	118	112	241
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 07.11.2024	
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.)	----	----	06:20	06:30	06:45	08:25	07:20	07:00	07:50
Temperature	oC	----	18	19	21	19	21	20	22
pH	----	6.5 t 8.5	8.28	7.88	7.81	7.86	7.78	7.8	7.75
Turbidity	N.T.U.	<1.0	5.4	0.9	0.7	0.7	0.8	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	70	78	72	84	76	94
Total Hardness (CaCO ₃)	mg/l	200	60	62	68	64	72	66	82
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	102	106	111	108	116	110	127
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 08.11.2024	
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.)	----	----	06:25	06:30	06:45	08:25	07:35	07:00	07:50
Temperature	oC	----	18	19	21	20	21	20	23
pH	----	6.5 t 8.5	8.26	7.85	7.79	7.82	7.76	7.78	7.59
Turbidity	N.T.U.	<1.0	5.2	0.6	0.9	0.8	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	74	86	76	216
Total Hardness (CaCO ₃)	mg/l	200	60	64	70	66	74	68	130
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	104	108	113	110	117	111	248
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)							DATE:- 09.11.2024		
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.)	----	----	06:30	06:35	06:45	08:50	07:35	07:25	08:05
Temperature	oC	----	18	19	21	19	21	20	21
pH	----	6.5 t 8.5	8.25	7.86	7.8	7.85	7.77	7.81	7.72
Turbidity	N.T.U.	<1.0	5.1	0.7	0.6	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	58	60	68	62	70	64	80
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	4
Total Dissolved Solids	mg/l	500	101	105	112	107	115	110	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:- 10.11.2024	
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	08:35	07:25	07:15	07:40
Temperature	oC	----	17	18	20	19	20	19	23
pH	----	6.5 t 8.5	8.24	7.84	7.79	7.82	7.71	7.78	7.55
Turbidity	N.T.U.	<1.0	5.4	0.6	0.7	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	72	80	74	84	76	206
Total Hardness (CaCO ₃)	mg/l	200	60	62	70	64	72	66	124
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	103	107	114	109	117	111	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:- 11.11.2024	
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.)	----	----	06:20	06:25	06:50	08:40	07:40	07:10	08:00
Temperature	oC	----	18	19	21	20	21	20	24
pH	----	6.5 t 8.5	8.24	7.83	7.78	7.8	7.75	7.81	7.55
Turbidity	N.T.U.	<1.0	6.1	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	70	72	78	74	80	76	210
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	66	70	68	122
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	103	107	112	108	114	110	244
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 12.11.2024	
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.)	----	----	06:20	06:25	06:35	08:45	07:15	07:05	07:50
Temperature	oC	----	17	18	20	18	20	19	21
pH	----	6.5 t 8.5	8.27	7.85	7.8	7.83	7.74	7.79	7.73
Turbidity	N.T.U.	<1.0	4.5	0.8	0.6	0.9	0.9	0.7	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	70	78	72	82	74	98
Total Hardness (CaCO ₃)	mg/l	200	58	60	66	62	70	64	84
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	102	106	113	108	116	110	130
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

M.C. Public Health Laboratory Chandigarh									
(Physico Chemical Analysis Report)								DATE:- 13.11.2024	
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.)	----	----	06:25	06:30	06:40	08:35	07:15	07:05	07:35
Temperature	oC	----	17	18	20	19	21	20	23
pH	----	6.5 t 8.5	8.26	7.87	7.82	7.84	7.79	7.8	7.6
Turbidity	N.T.U.	<1.0	4.1	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	82	76	84	78	214
Total Hardness (CaCO ₃)	mg/l	200	62	64	70	66	72	68	125
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	7
Total Dissolved Solids	mg/l	500	104	108	115	110	118	112	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:- 14.11.2024	
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.)	----	----	06:20	06:25	06:35	07:00	07:10	07:00	07:50
Temperature	oC	----	17	18	20	19	20	20	21
pH	----	6.5 t 8.5	8.24	7.85	7.8	7.82	7.76	7.78	7.72
Turbidity	N.T.U.	<1.0	3.7	0.7	0.6	0.6	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	72	80	74	86	82	92
Total Hardness (CaCO ₃)	mg/l	200	60	64	70	66	74	70	80
Chloride (Cl)	mg/l	250	3	4	4	4	4	4	6
Total Dissolved Solids	mg/l	500	105	109	116	112	119	117	125
Free & Saline Ammonia	mg/l	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL