

**DISTRICT WATER TESTING LABORATORY**  
**Public Health Engineering Department Mahasamund (C.G.)**

District - Mahasamund      Block - Mahasamund      Firm/ Place - Kendriya Vidyalaya BTI road, Mahasamund

Sample Collected By- KV Mahasamund

Sample Received Date - 15-09-20

Date of testing completed - 17-09-20

Location / Source Details below :-

1	Kendriya Vidyalaya Mahasamund,- Sample No 1, Filter Water	5
2		6
3		7
4		8

**DRINKING WATER TESTING REPORT :-**

S No	Quality Parameter	Unit of Measurement	BIS-10500-2012		Results								
			Desirable Limit	Permissible Limit	Sample Code								
					1	2	3	4	5	6	7	8	
					211350	-	-	-	-	-	-	-	-
1	Iron	mg/L	0.3	1.0	0.30	-	-	-	-	-	-	-	-
2	Nirate	mg/L	45	45	0.0	-	-	-	-	-	-	-	-
3	Fluoride	mg/L	1.0	1.5	0.53	-	-	-	-	-	-	-	-
4	Chloride	mg/L	250	1000	42	-	-	-	-	-	-	-	-
5	TDS	mg/L	500	2000	104	-	-	-	-	-	-	-	-
6	Alkalinity	mg/L	200	600	124	-	-	-	-	-	-	-	-
7	Calcium	mg/L	75	200	32.03	-	-	-	-	-	-	-	-
8	Magnesium	mg/L	30	100	0.97	-	-	-	-	-	-	-	-
9	Residual chlorine	mg/L	0.2	1.0	-	-	-	-	-	-	-	-	-
10	Sulphate	mg/L	200	400	-	-	-	-	-	-	-	-	-
11	pH	pH scale	6.5-8.5	6.5-8.5	6.90	-	-	-	-	-	-	-	-
12	Turbidity	NTU	1.0	5.0	0.0	-	-	-	-	-	-	-	-
13	Total Hardness	mg/L	200	600	84	-	-	-	-	-	-	-	-
14	Faecal coliform	C.F.U. Count/100 ml	Nil	Nil	Nil	-	-	-	-	-	-	-	-

Remark - The water Sample is fit in the tested Parameters.

*[Signature]*  
**Assistant Engineer**  
 Public Health Engineering  
 Sub Division Mahasamund (C.G.)

*[Signature]*  
**Chemist**  
 District Laboratory  
 P.H.E.D. Mahasamund (C.G.)