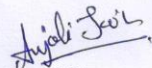


ANALYSIS - REPORT

Source of Sample		PP			
1. PARTICULAR OF SENDER -					
A. Sample collected & Submitted By		KENDRIYA VIDYALAYA NKJ KATNI MP			
2. PARTICULAR OF SAMPLE					
A. Date of Collection		23.06.2021			
B. Date of submitted in Lab		23.06.2021			
3. PARTICULARS TO BE FILLED IN LABORATORY					
B. Sample Analysed on Date		23.06.2021			
4. DETAILS OF SAMPLE					
1		KENDRIYA VIDYALAYA NKJ KATNI MP			
S.No.	Characteristics	Units	BIS Standard:IS:10500:2012 (Rev.2)		Results
			Desirable limits	Permissible limits in the absence of alternative source	
1	Apperance		Crystal Clear	-	Clear
2	Temperature	0c		-	28.4
3	Colour		Colourless	-	Colourless
4	Odour		Unobjectionable	-	UO
5	Turbidity	NTU	1	5	0.7
6	TDS	Mg/l	500	2000	117
7	pH Value		6.5 to 8.5	No relaxation	6.55
8	Total Hardness (as CaCO3)	Mg/l	200	600	226
9	Alkalinity	Mg/l	200	600	180
10	Chloride(asCl)	Mg/l	250	1000	44
11	Manganese (as Mn)	Mg/l	0.1	0.3	Nil
12	Sulphate (as SO4)	Mg/l	200	400	12.4
13	Iron(asFe)	Mg/l	0.3	No relaxation	0.20
14	Fluoride(asF)	Mg/l	1.0	1.5	0.08
15	Bactrological Test	per 100 ml	Should Be Zero		Nil

Note :-

- The figures indicated under the column "Desirable" bare the limits upto which water is generally acceptable to the consumers.
- Figures in excess of those mentioned under " Permissible limits" render the water not acceptable but still may be tolerated in the absence of an alternative and better source but upto the limits indicated under colum "Cause for Rejection" above which the source will have to be rejected.
- This test report is not liable for any binding to the court of the law else where.
- This test report is as per the sample submitted by the party for testing.
- Please take necessary action as per required of BIS Standard limits.
- Always send water samples in sterilized bottle for BACTERIOLOGICAL (COLIFORM) TEST.


 Chemist
 District Laboratory
 P.H.E.D. Katni
