

QUALITY CONTROL (WATER) LABORATORY
NAGAR NIGAM, Arera Hills, Bhopal.(M.P.) 462003


ANALYSIS REPORT	
Kind of sample - WATER SAMPLE	
PARTICULARS OF SENDER - GVN THE GLOBAL SCHOOL BHOPAL M.P	
Ref - Q	Date - 18.10.2022
PARTICULARS OF SAMPLE	
Not collected by Nagar Nigam	
	Place Of Collection And Details Of Sample
1	GVN THE GLOBAL SCHOOL C- SECTOR GOVINDPURA BHEL BHOPAL WATER SAMPLE
2	
3	
4	
Date	
18.10.2022	
PARTICULARS TO BE FILLED IN THE LABORATORY	
Date of Receipt - 18.10.2022	Lab. Reference No
	Tested on. 18.10.2022

NATURE OF STUDY - CHEMICAL ANALYSIS							
No.	Characteristics	Unit	As Per BIS -10500:2012 For Drinking Water		Results		
			Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	Sample 1	Sample 2	Sample 3
PHYSICAL TEST							
1	Temperature	°c	-----	-----	25.5		
2	Turbidity	NTU	1.0	5.0	0.7		
3	Colour	Hazen Units	5	15	NIL		
4	Odour	-----	Agreeable	Agreeable	NIL		
ROUTINE CHEMICAL TEST							
5	PH	PH scale	6.5 to 8.5	6.5 to -8.5	6.54		
6	Conductivity at 25°C	Micromhos per cm. ²	-----	-----	-		
7	Phenolphthalein Alkalinity	Mg / l	-----	-----	-		
8	Total Alkalinity as CaCO ₃	Mg / l	200	600	42		
9	Chloride as Cl	Mg / l	250	1000	8		
10	Nitrate as NO ₃	Mg / l	45	45	NIL		
11	Total Hardness as CaCO ₃	Mg / l	200	600	30		
12	Calcium as Ca ⁺⁺	Mg / l	75	200	4		
13	Magnesium as Mg ⁺⁺	Mg / l	30	100	4.8		
14	Total Solids	Mg / l	500	2000	-		
15	Total Dissolved Solids	Mg / l	500	2000	43		
16	Suspended Solids	Mg / l	-	-	-		
17	Sulphate as SO ₄	Mg / l	200	400	8		
18	Residual Chlorine	Mg / l	0.2	1.0	-		
19	iron		0.1	1.0	NIL		
NATURE OF STUDY - BACTERIOLOGICAL ANALYS							
20	MPN Coliform	Per 100 ml	Nil (for treated water or water in distribution system)		NIL	-	-
21	E-coli or Thermo Tolerant Coliform	Per 100 ml	Nil		-	-	-

NOTE:- It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but upto the limits indicated under the "permissible limit in the absence of alternate source" in column 4, above which the sources will have to be rejected.

Chemist's signature

Remarks if any


INCHARGE
5MGD FILTER PLANT LABORATORY
NAGAR NIGAM Bhopal.(M.P.) 462003
5 M G D Filter Plant
Nagar Nigam

No. _____ /Lab../Nagar Nigam/BPL Date