

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

ANALYSIS REPORT			
Kind of sample- WATER SAMPLE			
PARTICULARS OF SENDER- ASIA PACIFIC INTERNATIONAL SCHOOL GRAM KAKADIYA ROAD BHOPAL			
Ref - Q	Date- 31.05.2023		
PARTICULARS OF SAMPLE		Not collected by Nagar Nigam	
	Place of collection and details of sample	Date	
1	ASIA PACIFIC INTERNATIONAL SCHOOL GRAM KAKADIYA ROAD BHOPAL	31.05.2023	
2	WATER SAMPLE		
3			
4			
PARTICULARS TO BE FILLED IN THE LABORATORY			
Date of Receipt- 31.05.2023		Lab. Reference No	Tested on. 31.05.2023

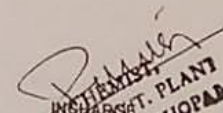
NATURE OF STUDY - CHEMICAL ANALYSIS								
No.	Characteristics	Unit	As Per BIS -10500:2012 For Drinking Water		Results			
			Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	Sample 1	Sample 2	Sample 3	Sample 4
PHYSICAL TEST								
1	Temperature	°C	-----	-----	25.3			
2	Turbidity	NTU	1.0	5.0	0.2			
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	7.48			
6	Conductivity at 25°C	Micromhos per cm. ²	-----	-----	-			
7	Phenolphthalein Alkalinity	Mg / l	-----	-----	-			
8	Total Alkalinity as CaCO ₃	Mg / l	200	600	58			
9	Chloride as Cl	Mg / l	250	1000	18			
10	Nitrate as NO ₃	Mg / l	45	45	NIL			
11	Total Hardness as CaCO ₃	Mg / l	200	600	60			
12	Calcium as Ca++	Mg / l	75	200	12.8			
13	Magnesium as Mg++	Mg / l	30	100	6.72			
14	Total Solids	Mg / l	500	2000	-			
15	Total Dissolved Solids	Mg / l	500	2000	94			
16	Suspended Solids	Mg / l	-	-	-			
17	Sulphate as SO ₄	Mg / l	200	400	08			
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)		-	-	-	-
21	Fecal Coliform	Per 100 ml	Nil		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

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


INSURANCE
SMGD FILTER PLANT LABORATORY
NAGAR NIGAM Bhopal (M.P.) 462003
Arera Hills