



# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal, M.P.)

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Ref: Civil/MKT /DR./Env.Engg Lab/TR-287105843/982

Date 15/6/2021

To,

The Principal  
G.D. Goenka Public School  
Shivpuri Link Road  
Gwalior (M.P.)

Ref.: Your Letter No. Nil dated 02.06.2021

Sub: Testing of Water Sample used for drinking purpose at G.D. Goenka Public School Shivpuri Link Road Gwalior (M.P.)

Dear Sir,

Please find herewith the testing report of the sealed Water Sample sent by you vide above mentioned reference and subject.

### TESTING - REPORT

S.No.	Tests/ Parameters	Laboratory Results.	Acceptable Limit as per IS 10500-2012
<b>(A) Physical Tests</b>			
1	Temperature	23.4°C	--
2	Turbidity	Nil	Less than 1 NTU
3	Colour	Absent	Absent
4	Odour/Taste	Unobjectionable	Agreeable
<b>(B) Chemical Tests</b>			
5	pH Value	8.2	6.5 to 8.5
6	Acidity	04 mg/l as CaCO <sub>3</sub>	--
7	Alkalinity	48 mg/l as CaCO <sub>3</sub>	--
8	Total Solids	132 mg/l	--
9	Dissolved solids	132 mg/l	Less than 500 mg/l
10	Suspended solids	Nil mg/l	--
11	Chlorides (as Cl <sup>-</sup> )	24 mg/l	Less than 250 mg/l
12	Total Hardness	116 mg/l as CaCO <sub>3</sub>	Less than 200 mg/l as CaCO <sub>3</sub>
13	D.O.	5.9 mg/l	---
<b>(C) Bacteriological Tests</b>			
14	MPN/100 ml.	Nil	Nil

### Remarks :

- Testing charges of Rs. 4910/- deposited vide challan No. 2092 U.B.I.M.I.T.S. Branch Gwalior dated 11.06.2021
- The above tested parameters of Water Sample complies with the drinking water standard laid down in IS: 10500-2012. Hence Water Sample is found fit for drinking use.
- The above results are only for the information to the referred agency. The institute does not take any responsibility of the use of these results for any other purpose, legal or otherwise.
- Sample received on 11.06.2021
- Testing Date / Report Generated on ----- 11.06.2021 / 14.06.2021

Faculty

Prof. I/C PHE Lab & Testing

H.C.E.D.

### Forwarded :

This testing / consultancy report is forwarded on the recommendations of the Department. Responsibility of test / consultancy report lies with the concerning Department.

DIRECTOR

14.6.21