

GOVT. OF ASSAM  
OFFICE OF THE ASSISTANT EXECUTIVE ENGINEER (PHE)  
TINSUKIA SUB DIVISION, TINSUKIA

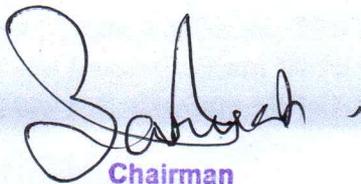
NO/APHE/TSK/WS-88/2023-24/ 92

DATE 20/05/2023



**TO WHOM IT MAY CONCERN**

As per request of the Principal **LOTUS ACADEMY** situated at Doomdooma, District- Tinsukia, Assam the test of drinking water of the school has been done and the report of the same has been found satisfactory and safe for drinking purpose. Accordingly the school authority has also been maintaining hygienic sanitary condition in the school campus.



**Chairman**  
Welfare and Education Trust  
Doom Dooma - 786151



**Secretary**  
Managing Committee, Lotus Academy  
Governed By Welfare & Education Trust  
Doomdooma - 786 151



**Manager**  
LOTUS ACADEMY  
Doomdooma - 786 151  
Dist. Tinsukia (Assam)



**Assistant Executive Engineer (PHE)**  
Tinsukia Sub-Division  
Tinsukia

**Asstt. Executive Engineer (PHE)**  
Tinsukia Sub-Division  
TINSUKIA



**Principal**  
LOTUS ACADEMY  
Doom Dooma-786 151

**DISTRICT LABORATORY**  
Tinsukia (PHE) Division, Tinsukia, Assam  
Water Analysis Report  
As per IS 10500

Ref.....

Date.....

1. Report No: LAB/2023-2024 :- 271  
 2. Name of Organisation/Village :- Doomdeoma  
 3. GP :- Tinsukia  
 4. Pin Point Location :- Lotus Academy  
 5. Habitation :-  
 6. Time and Date of Collection :- 18/05/2023  
 7. Date of Examination :- 18/05/23 - 20/05/23  
 8. Source of Sample :- Tap water  
 9. Nature of Test Physical/ Chemical/ Bacteriological

Block:



Sl. No.	Particular	Desirable Limit	Permissible Limit	Value	Unit
<b>PHYSICAL TEST</b>					
1	Turbidity	1	5	0	NTU
2	TDS (Total Dissolved Solid)	500	2000	166.8	Mg/L
3	Colour	5	15	1	Hazen
<b>CHEMICAL TEST</b>					
1	pH	6.5 to 8.5	No Relaxation	6.79	
2	Iron as Fe	0.3	1	0.14	Mg/L
3	Alkalinity as CaCo3	200	600	120	Mg/L
4	Chloride as Cl	250	1000	52	Mg/L
5	Ca-Hardness	75	200	38	Mg/L
6	Hardness CaCo3	200	600	82	Mg/L
7	Magnesium as Mg	30	100	—	Mg/L
8	Nitrate as NO3	45	45	0	Mg/L
9	Residual Chlorine	0.2	1	0	Mg/L
10	Arsenic as As	0.01	0.01	NIL	Mg/L
11	Fluoride as F	1	1.5	0.18	Mg/L
12	Sulphate as SO4	200	400	3.77	Mg/L

**BACTERIOLOGICAL TEST:-**

Total Bacilli Coliform MPN/100 ml : ..... Not found .....  
 Total F.E. Coliform MPN/100 ml : .....

Excellent ..... No. of Coliform organism / 100 ml  
 Satisfactory ..... 1 to 2 - do - / 100 ml  
 Suspicious ..... 2 to 10 - do - / 100 ml  
 Unsatisfactory ..... More than 10 - do - / 100 ml

REMARK: Safe for drinking.

Signature of Tester  
 District Level Laboratory (PHE)  
 Tinsukia Division, Tinsukia

I/C District Level Laboratory (PHE)  
 Tinsukia Division,  
 Tinsukia  
 Asstt. Chemist (DLL)  
 PHE, Tinsukia