



GOVERNMENT OF MEGHALAYA
STATE FOOD TESTING LABORATORY
PASTEUR HILLS, SHILLONG- 793001



Letter No. SFTL/DRINKING/WATER/2026/55

Dated, Shillong the 17th March 2026

From: Shri. Diganta Bijoy Mahanta,
Food Analyst,
State Food Testing Laboratory, Meghalaya
Shillong - 793001

To: Monmoyuree Borkotoky,
Principal
Delhi Public School Khanapara,
Mobile No - 7896731356

REF No.: NIL

Dated, 17th March 2026

Sub: REPORT OF ANALYSIS AS PER FOOD SAFETY & STANDARD ACT, 2006 FOR DRINKING.

Sir/Madam,

I am to send herewith the analysis report Nos. CHEM/W/112/26 & FTL/MICR/108/26 dated 02/03/26 for the sample of water sent by you for analysis to this laboratory.

Please acknowledge receipt of the same.

Yours faithfully,

(Sri Diganta Bijoy Mahanta)
Food Analyst to the Govt. of Meghalaya
Shillong, 793001



Food Analyst
to the Government of Meghalaya
Meghalaya, Shillong

Memo No. SFTL/DRINKING/WATER/2026/56

Dated Shillong the 17th March 2026

Copy to:

1. The Commissioner of Food Safety, Department of Health, Government of Meghalaya, Shillong, 793001
2. Office File

(Sri Diganta Bijoy Mahanta)
Food Analyst, Shillong,
Meghalaya - 793001



GOVERNMENT OF MEGHALAYA
STATE FOOD TESTING LABORATORY
PASTEUR HILLS, SHILLONG-793001

PART A



TC-13102

TEST REPORT ON ANALYSIS OF DRINKING WATER (IS: 10500:2021)

Report No: SFTL/FW/2025-26/108

Date of issue: 17.03.26
URL No. TC9943241000002160

Sender's Name, Address & Contact No.: Monmoyuree Borkotoky, Delhi Public School Khanapara 9th
Mile Ri-Bhoi District, 7896731356

Source & type of sample: R.O Water
Sampling address: Delhi Public School Khanapara
Date & time of collection: 02.03.26 @ 08.30 am
Date & Time of Receipt & analysis: 02.03.26 @ 02.00 pm
Purpose of testing: Drinking

Lab Code No: FTL/MICR/108/26

MICROBIOLOGICAL PARAMETERS

Sl. No.	Parameters	Reference Method	Unit	Acceptable Limits	Result
1.	Total Coliform	IS 15185:2016 (Reaffirmed 2021)	cfu	Shall not be detectable in 100 mL of sample	Absent /100mL
2.	Standard Plate Count (SPC)	IS: 5402:2012 (Reaffirmed 2018)	cfu	<1 cfu/mL	<1 cfu/mL
3.	<i>E coli</i>	IS 15185:2016 (Reaffirmed 2021)	cfu	Shall not be detectable in 100 mL of sample	Absent /100mL
4.	Yeast/ Mould	IS 5403: 1999 (Reaffirmed 2018)	cfu	<1 cfu/mL	Absent /mL
5.	Salmonella	IS 15187: 2002	cfu	Shall not be detectable in 100 mL of sample	Absent /100mL

Statement:

1. The results are reported based on the materials received.
2. Sample will be destroyed immediately after testing to avoid further contamination
3. The report shall not be produced except in full without the written approval of the laboratory

OPINION: The sample of drinking water conforms bacteriologically with the prescribed standards as laid down in IS: 10500:2021, as per the tested parameters.



End of Report

Microbiologist

I/C State Food Testing Laboratory
Government of Meghalaya

Microbiologist
to the Government of Meghalaya
Shillong - 01



GOVERNMENT OF MEGHALAYA
STATE FOOD TESTING LABORATORY
PASTEUR HILLS, SHILLONG-793001

PART B



PHYSICAL & CHEMICAL PARAMETERS

Sender's Name, Address & Contact No.: Monmoyuree Borkotoky, Delhi Public School Khanapara 9th
Mile Ri-Bhoi District, 7896731356

Source & type of sample: R.O Water
Sampling address: Delhi Public School Khanapara
Date & time of collection: 02/03/26
Date & Time of Receipt & analysis: 05/03/26
Purpose of testing: Drinking
Lab code: Chem/W/112/26
Your Reference No: NIL

Sl. No.	Parameters	Reference Method	Result	Requirement (Acceptable limits) as per Provisions of IS:10500
1.	Physical characteristics • Appearance	FSSAI Manual	Clear	Clear
	• Odour	-do-	Odourless	Odourless
2.	pH value	-do-	6.8	6.5 - 8.5
3.	Turbidity, NTU	-do-	0.38	5.0 (max)
4.	Chloride (as Cl) mg/l,	-do-	8.1	250 (max)
5.	Total Dissolved Solids, mg/l,	-do-	29.1	500 (max)
	Total Alkalinity (as CaCO ₃), mg/l,	-do-	22	200 (max)
7.	Total Hardness (as CaCO ₃), mg/l,	-do-	30.4	200 (max)
8.	Calcium (as Ca) mg/l,	-do-	15.2	75 (max)
9.	Magnesium (as Mg), mg/l,	-do-	15.2	30 (max)
10.	Iron (as Fe), mg/l,	-do-	0.12	0.3 (max)

Statement:

- The results are reported based on the materials received.
- Sample will be destroyed immediately after testing to avoid further contamination
- The report shall not be produced except in full without the written approval of the laboratory

Checked by:

Bmkhd

Opinion: The sample of drinking water conforms chemically with the prescribed standards as laid down in IS: 10500:2012, as per the tested parameters.



End of Report

Sri. D B Mahanta

(SRI. D B MAHANTA)
Food Analyst
State Food Testing Laboratory
Government of Meghalaya

P.S: This report is reflected only for this test sample
Contact details: Email- sfilmeg@gmail.com, Telephone Number: 0364-2590169
State Food Testing Laboratory, Pasteur Hills, Meghalaya, Shillong-793001

Food Analyst
to the Government of Meghalaya
Meghalaya, Shillong



GOVERNMENT OF MEGHALAYA
STATE FOOD TESTING LABORATORY
PASTEUR HILLS, SHILLONG- 793001



Opinion:

The sample of drinking water **conforms** to the prescribed standards as laid down under the sub regulation No. 2.10.9 (IS: 10500:2012) of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011 of Food Safety and Standards Act, 2006, with respect to the tested parameters.

Issued & signed this on

17th March 2026



Address:

State Food Testing Laboratory, Meghalaya
Pasteur Hills, Shillong 793001

(Sri. Diganta Bijoy Mahanta)
Food Analyst

Food Analyst
to the Government of Meghalaya,
Meghalaya, Shillong

*****END OF REPORT*****