

DISTRICT WATER TESTING LABORATORY
Public Health Engineering Department .P.H.E.D. Betul
Near Satpuda club, Sadar, Betul (M.P.) 460001



TC-17158

Test Report

Location of performance Testing :- Laboratory		Not sampled by Lab		Unique Identification No.	DWTLBET
Nature of sample:- Drinking Water				Sender's letter Date	29/4/2026
To, St. Theresa English Medium Convent School, Betul Dist. Betul (M.P.)	Sender letter no.			Collection date of Sample	29/4/2026
	Date of receiving sample	29/4/2026		LAB Ref. Date	29/4/2026
	LAB Ref. No	89		Date of analysis	30/4/2026
	Date of analysis started	29/4/2026		URL.No.-TC171526000000089F	
	Date of analysis started	1 LTR		Environmental Condition - 23°C ± 5°C	
	Type of Sample	R.O. Water		Group - Water	
Discipline		Chemical			

NO. Particulars of Samples

- | | |
|---|---------------------------|
| 1 | R.O. Water Sample - Betul |
| 2 | |

RESULTS

No.	Characteristics	Unit	Test methods	BIS-10500:2012 Reaffirmed In .2023		Results	
				Desirable Limit	permissible Limit	1	2
1	2	3	4	5	6		
1	Taste	-	IS:3025 (part 7) : 2017	Aggregable	Aggregable	Agg	-
2	Colour in	CU	IS:3025 (part 4) visual comparison	5	15	7	-
3	Odour	-	IS:3025 (part 5) : 2018	Aggregable	Aggregable	Agg	-
4	Chloride as CL	mg/l	IS:3025 (part 32) : 1988	250	1000	80	-
5	Total Alkalinity as CaCO ₃	mg/l	IS:3025 (part 23) : 2023	200	600	80	-
6	Calcium as Ca++	mg/l	IS:3025 (part 40):2024	75	200	22.4	-
7	Magnesium as Mg++	mg/l	IS:3025 (part 46):2023	30	100	12.17	-
8	Total Hardness as CaCO ₃	mg/l	IS:3025 (part 21) : 2023	200	600	106	-
9	pH	pH scale	IS:3025 (part 11)	6.5 to 8.5	6.5 to 8.5	6.65	-
10	Fluoride as F	mg/l	IS:3025 (part 60/sec 1) : 2023	1.0	1.5	0.41	-
11	Sulphate as SO ₄	mg/l	IS:3025 (part 24/sec 1) :2022	200	400	20.8	-
12	Turbidity	NTU	IS:3025 (part 10) : 2023	1.0	5.0	1.2	-
13	Conductivity at 25°C	micromhos/cm	IS:3025 (part 14)	-	-	189	-
14	TDS	mg/l	IS:3025 (part 16) : 2023	500	2000	113	-
15	R.Chlorine	mg/l	IS:3025 (part 26) : 2021	0.01	0.2	0.01	-

Disclaimer

- This report should not be produced partly or full without approval of signatory authority for legal purposes.
- 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 the limit indicated under the "permissible limit in the absence of alternate source" in column 6, above with the sources will have to be rejected.
- The results refer only to tested sample and parameters tested.
- Samples will be stored for a period of 15 days from the date of issue of report.
- This lab dose not hold any responsibility for variation in results for samples kept on hold for want of clarification.

End of the test report .

Reviewed by
Mrs. Tanvi Panda
Technical Manager

Authorised Signatory
Mr. Nilesch Chhatrapale
Quality Manager

Issue No. 117 /DWTL/PHED/BET/ Issue Date - 30/4/2026

DISTRICT WATER TESTING LABORATORY
Public Health Engineering Department.P.H.E.D.
Near Satpuda club, Sadar ,Betul (M.P.)460001

Test Report

Nature of sample:-Drinking Water Sample/Others		Not sampled by Lab	Unique Identification No.	DWTLBET
TO, St. Theresa English Medium Convent School, Betul Dist. Betul (M.P.)	Sander Letter No-	-	Sander Letter Date-	29/4/2026
	LAB Ref. No	89	LAB Ref. Date	29/4/2026
	Date of analysis started	29/4/2026	Date of analysis Completed	30/4/2026
	Discipline	Bacteriological	Group	Water
	Type of Sample	R.O. Water	Environmental Condition - 23°C ± 5°C	
	Quantity Of Sample	200 ml		

Sample details

NO.	Particulars of Samples
1	R.O. Water Sample - Betul
2	

RESULTS

PARAMETERS PROPOSED FOR SCOPE

No.	Characteristics	Unit	Test methods	BIS-10500:2012 Reaffirmed in 2023		Results	
				Acceptable Limit	Permissible Limit	1	2
1	2	3	4	5	6		
2	Iron as Fe	mg/l	BIS:3025 part 53	1.0	1.0	0.1	-
3	Nitrate as NO3	mg/l	BIS:3025 part 34	45	45	8.9	-
4	Faecal Coliform (TTC)	per 100 ml	-	NIL		NIL	-
5	Total Coliform	per 100 ml	-	NIL for treated water and water in		NIL	-

Disclaimer

1. This report should not be produced partly or full without approval of signatory authority for legal purposes.
2. 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 the limit indicated under the "permissible limit in the absence of alternate source" in column 6, above with the sources will have to be rejected.
3. The results refer only to tested sample and parameters tested.
4. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.

End of the test report


Report reviewed by


Chemist
District Water Testing Lab
P.H.E.D. Betul(M.P.)

Annexure- C

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.

Dated:

It is certified that an inspection team headed by

Nilesh Chhatrapale, Chemist (Name of Officers with designation)

from Public Health Engineering Department Betul: PHED

inspected the St. Theresa English Medium Convent School, Betul.

(Name & Address of the school) on 30/4/2026 (date of inspection) and on the basis

of Water Test Report (Attached) bearing no. TC/7/526/000000089F

dated 30/4/2026 of Water Test Betul (PHED Lab)

certified that the - St. Theresa English Medium Convent

School, Betul, Distt - Betul (Name of school) has safe drinking water

facilities for the students and members of staff of the institution. School is also maintains

the hygienic sanitation condition in the school building & the campus as per norms

prescribed by the Central/ State/ U.T. Govt.

This certificate is valid for 06 Months



Signature with Seal:

Name

Designation

Name & Address of the Office / Department : P.H.E.D

Nilesh Chhatrapale
Chemist

Public Health Engineering Deptt.
Betul (M.P.)

Nilesh Chhatrapale
Chemist

U. Sanyam
Assistant Engineer

Public Health Eng. Sub. Dn
Betul (M.P.)

To Principal
St. Theresa English Medium Convent
(Name & Address of the Institution) School Betul
M.P.

Note: The certificate is to be issued by authorized officer / PHED Lab / local bodies