



District Level Water Quality Testing and Monitoring Laboratory

Uttarakhand Jal Sansthan, Jalkal Mayapur Haridwar

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TC-9983

Report ID: 127/UJS/DLWQTML/2023-24

Dated: 28/04/2023

TEST REPORT

Name and Address of Organization/ Customer	MCS Balvidhya peeth satikund kankhal haridwar		
Product Description (Surface Water/ Ground Water/ Drinking Water)	Ground water	Sample Description	One Water Sample collected from MCS balcidhya peeth satikund haridwar
Reference Sample Identification:	DLWQTML/UJS/2023-23		Date of Start of Analysis: 26/04/2023 Date of End of Analysis: 27/04/2023
Date and Time of Sample Received: 26/04/2023 & 10:45pm	Sample Collected by:	Customer	

SN	Water Quality Parameters Under Chemical Scope	Results	Desirable Limit (BIS)	Permissible Limit (BIS) in the Absence of alternative source	Std. Test Method
1.	pH at 25°C	7.25	6.5 to 8.5	No Relaxation	IS 3025 Pt-11-2002
2.	Total Dissolved Solids (TDS), mg/L, Max	373	500	2000	IS 3025 Pt-16-2006
3.	Turbidity, NTU, Max	Less than 1	1	5	IS 3025 Pt-10-2006
4.	Total Alkalinity (as CaCO ₃), mg/L, Max	230	200	600	IS 3025 (Part 23): 2003
5.	Total Hardness (as CaCO ₃), mg/L, Max	260	200	600	IS 3025 (Part 21): 2002
6.	Calcium, mg/L, Max	72	75	200	IS 3025 (Part 40): 1991
7.	Magnesium, mg/L, Max	19.44	30	100	IS 3025 (Part 46): 1994
8.	Iron (as Fe), mg/L, Max	Less than 0.3	1	No Relaxation	IS 3025 (Part 53): 2003
9.	Nitrate, mg/L, Max	Less than 5	45	No Relaxation	APHA 23 RD 4500 NO ₃ -B
10.	Sulfate, mg/L, Max	Less than 5	200	400	IS 3025 (Part 24): 1986
11.	Fluoride, mg/L, Max	Less than 0.2	1.0	1.5	IS 3025 (Part 60): 2008

Remark: Above received water sample conforms to IS: 10500-2012 for drinking purpose with respect to above tests.

Neelam Bakhshi
Principal
M.C.S. Bal Vidya Peeth
Satikund, Kankhal
Haridwar

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afon 21/2/23
Manager
M.C.S. BAL VIDYA PEETH
Satikund, Kankhal Haridwar

QW
(Er. Rakesh Chandra Bamrada)
Authorized Signatory,
District Water Quality Testing Monitoring
Laboratory,
Uttarakhand Jal Sansthan, Haridwar

-End of Report-

- The results listed refer only to tested sample and applicable parameters.
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- The samples will be destroyed after fifteen days from the date of issue of test certificate, unless otherwise agreed with customer.



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WATER QUALITY TEST REPORT

Name and Address of Organization/ Customer	MCS Balvidhya peeth satikund kankhal haridwar		
Product Description (Surface Water/ Ground Water/ Drinking Water)	Ground water	Sample Description	One Water Sample collected MCS Balvidhya peeth satikund kankhal haridwar
Reference Sample Identification:	DLWQTML/UJS/2023-23	Date of Start of Analysis:	26/04/2023
		Date of End of Analysis:	27/04/2023
Date and Time of Sample Received:	26/04/2023 & 10:45 am	Sample Collected by:	Customer

SN	Water Quality Parameters Under Chemical Scope	Results	Desirable Limit (BIS)	Permissible Limit (BIS) in the Absence of alternative source	Std. Test Method
1.	Residual Free Chlorine, mg/L, Min	Less than 0.2	0.2	1.0	APHA 23rd Ed.-4500- Cl-G
2.	Taste	Agreeable	Agreeable	Agreeable	APHA 23rd Ed.-2160-B
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 Pt-05-2002
4.	Chloride, mg/L, Max	12	250	1000	IS 3025 (Part 32): 1988
Bacteriological Parameters					
5.	Total Coliform, MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed.-9223-B
6.	E. coli, MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed.-9223-B

Weelam Babish
Principal
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(Signature)
Manager
M.C.S. BAL VIDYA PEETH
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(Er. Rakesh Chandra Prada)
Authorized Signatory
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