



DISTRICT WATER TESTING LABORATORY

AD BOARD, Buliding Centre, Opp. Vinayaga Inn, Kotagiri Road

Udhagamandalam-643001, Phone: 0423 - 2445535

E-mail: jwaooty.nilgiris@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Sample / Lab No:	TR /2024/ 16025	Report Issue Date :	14.06.2024
Invoice Details:	3232/Dt.13.06.2024/Amt.Rs.1652/-		
ULR No	TC108992300000858F		

Client Name & Address	:	Morning Star Hr.Sec.School, Mica Mount, D.Y.S Road, Gudalur The Nilgiris
Contact No / Email.ID	:	

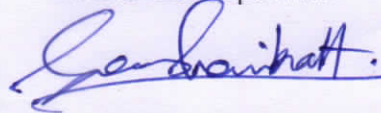
Sample Name	:	Water
Sample Description	:	Drinking Water (Well Water)
Sample Submitted by	:	Customer – Punniyamoorthi.K
Location & Date	:	Morning Star Hr.Sec.School & 13/06/2024
Quantity of sample Received	:	2 Litre
Sample Container	:	Plastic – Good condition
Sample Condition on Receipt	:	Good
Sample Received On	:	13/06/2024
Test Commenced on	:	13/06/2024
Test Completed on	:	14/06/2024
Environmental Condition	:	24.2°C

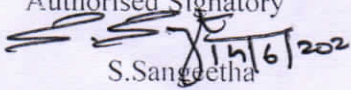
S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25° C	IS 3025 Part 11-1983	-	8.17	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	57	200	600
3	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	51	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	43	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24/sec1-2022	mg/L	16	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO3 B	mg/L	9	45	45
7	Fluoride as F	APHA 23rd Edition 2017 – 4500- F-D	mg/L	<0.2	1.0	1.5

Remarks - The above water samples confirmed to IS 10500 - 2012 Drinking water specification with respect to above tested parameters.

.....End of the report.....


PRINCIPAL
MORNING STAR HR. SEC. SCHOOL
GUDALUR, THE NILGIRIS, TN- 643 212


Manager
MORNING STAR HR. SEC. SCHOOL
GUDALUR, THE NILGIRIS, TN- 643 212

Authorised Signatory

S.Sangeetha
Assistant Engineer,
TWAD BD,D.W.T Lab, Oo

- 1.The test results relate only to the items tested.
- 2.The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
- 3.Unless informed by customer, the test items will not be retained for more than 15 days from the date of issue of the test report.
- 4.The result applied to the sample as received basis.

Issue No./Date	01/01.10.2021	Amend. No/ Date	01/12.01.2022	Page No	1 of 1
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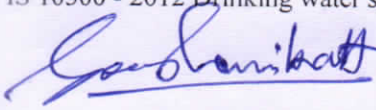
Sample / Lab No:	TR /2024/ 16026	Report Issue Date :	14.06.2024
Invoice Details:	3232/Dt.13.06.2024/Amt.Rs.1652/-		


Client Name & Address Contact No / Email.ID	: Morning Star Hr.Sec.School, Mica Mount, D.Y.S Road, Gudalur The Nilgiris
Sample Name	: Water
Sample Description	: Drinking Water (Well Water)
Sample Submitted by	: Customer – Punniyamoorthi.K
Location & Date	: Morning Star Hr.Sec.School & 13/06/2024
Quantity of sample Received	: 2 Litre
Sample Container	: Plastic – Good condition
Sample Condition on Receipt	: Good
Sample Received On	: 13/06/2024
Test Commenced on	: 13/06/2024
Test Completed on	: 14/06/2024
Environmental Condition	: 24.2°C

S. No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
8	Appearance	Physical observation	--	Clear	-	-
9	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	Colourless	Agreeable	Agreeable
10	Odour	IS 3025 Part 5 : 1983	--	None	-	-
11	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	00	1	5
12	Total Dissolved Solids	APHA 23rd Edition 2017 – 2540 C	mg/L	207	500	2000
13	Conductivity	APHA 23rd Edition 2017 – 2510 B	µS/cm	295	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
15	Calcium	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	16	75	200
16	Magnesium	APHA 23rd Edition 2017– 3500 Mg B	mg/L	4	30	100
17	Sodium	APHA 23rd Edition 2017 – 3500 Na B	mg/L	29	-	-
18	Potassium	APHA 23rd Edition 2017 – 3500 K B	mg/L	14	-	-
19	Iron	APHA 23rd Edition 2017– 3500 Fe B	mg/L	0.00	0.3	1
20	Manganese	APHA 23rd Edition 2017 – 3500 Mn B	mg/L	0.00	0.1	0.3
21	Ammonia	APHA 17th Edition-1989– 4500 NH3C	mg/L	0.00	0.5	0.5
22	Nitrite as NO ₂	APHA 23rd Edition 2017– 4500-NO2 B	mg/L	0.00	0.0	0.0
23	Total Phosphate as PO4	APHA 23rd Edition 2017 – 4500 P- D	mg/L	0.00	-	-
24	Residual Chorline	IS/APHA	mg/L	0.0	-	-
24	Feacal Coliform	IS/APHA	CFU/ 100 ML	-	-	-

Remarks - The above water samples confirmed to IS 10500 - 2012 Drinking water specification with respect to above tested parameters ,


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