



Sree Mahendra

ANALYTICAL SERVICES

Genuine Quality Assurance

TS Govt. Regd. No. 591/12,
ISO 9001:2015 certified Laboratory

REGD.OFF:

1-7-292, Chaitanyapuri,

Opp: Geetha Hospital,

Hyderabad-500035.

Ph : 9133361333, 9133119119

E Mail: mail2smasquality@gmail.com

CERTIFICATE OF ANALYSIS

Job No:	17773A	Issued To: M/s. Sri Vamshidhar High School, Nadhargul, Balapur, Hyderabad.
Our Ref:	SMAS/W/002-07-008/22	
Reporting Date:	23.07.2022	
Collected On:	19.07.2022	
Sample Particulars:	RO WATER	

TEST RESULTS

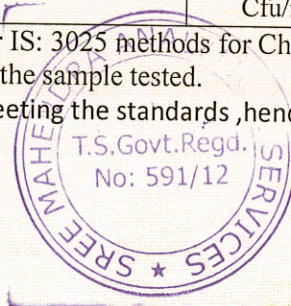
S.No	TEST PARAMETERS	UNITS	RESULTS	Desirable Potable Limits As Per IS: 10500-2012
PHYSICAL PARAMETERS:				
1.	p ^H	--	6.54	6.50 – 8.50
2.	Color	Hazen	Colorless	< 5
3.	EC	µmhos/cm	40.59	Not Specified
CHEMICAL PARAMETERS:				
1.	Turbidity	NTU	<0.10	< 1.0
2.	Total Dissolved Solids	mg/l	21	< 500
3.	Total Hardness as CaCO ₃	mg/l	6.21	< 200
4.	Non Carbonate Hardness as CaCO ₃	mg/l	Nil	Not Specified
5.	Calcium as Ca	mg/l	1.42	< 75
6.	Magnesium as Mg	mg/l	0.64	< 30
7.	Alkalinity to Phenolphthalein as CaCO ₃	mg/l	Nil	Not Specified
8.	Alkalinity to Methyl orange as CaCO ₃	mg/l	8.04	< 200
9.	Chlorides as Cl	mg/l	7.21	< 250
10.	Sodium as Na	mg/l	3.66	Not Specified
11.	Potassium as K	mg/l	<0.10	Not Specified
12.	Sulphates as SO ₄	mg/l	<0.10	< 200
13.	Nitrates as NO ₃	mg/l	<0.10	< 45
14.	Silica as SiO ₂	mg/l	<0.10	Not Specified
15.	Iron as Fe	mg/l	<0.10	< 0.3
16.	Fluoride as F	mg/l	<0.10	< 1.0
17.	Lead as Pb	mg/l	<0.01	< 0.01
MICROBIOLOGICAL PARAMETERS:				
1.	Total no. of Coliforms	MPN/100ml	Nil	NIL
2.	Total no. of E.coli	Cfu/100ml	Absent	Absent in 100ml
3.	Total bacterial Count	Cfu/ml	03	Not Specified

Note: 1. The sample is analyzed as per IS: 3025 methods for Chemical analysis

2. The certificate relates only to the sample tested.

3. The above test results are meeting the standards, hence the given water sample is potable for drinking.

Chemist



Authorized Signatory



In the field of dedicated Analytical Services

Small Scale Industries Certified Laboratory
TS Govt. Regd. No. 591/12, ISO 9001:2015 certified Laboratory
Save Trees - Save Environment





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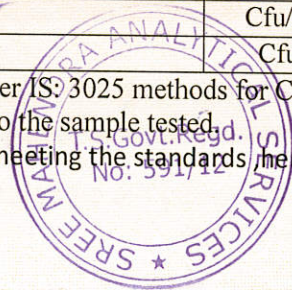
Job No:	17773B	Issued To: M/s. Sri Vamshidhar High School, Nadhargul, Balapur, Hyderabad.
Our Ref:	SMAS/W/002-07-009/22	
Reporting Date:	23.07.2022	
Collected On:	19.07.2022	
Sample Particulars:	BORE WATER	

TEST RESULTS

S.No	TEST PARAMETERS	UNITS	RESULTS	Desirable Potable Limits As Per IS: 10500-2012
PHYSICAL PARAMETERS:				
1.	p ^H	--	7.39	6.50 – 8.50
2.	Color	Hazen	Colorless	< 5
3.	EC	µmhos/cm	1506	Not Specified
CHEMICAL PARAMETERS:				
1.	Turbidity	NTU	1.44	< 1.0
2.	Total Dissolved Solids	mg/l	1044	< 500
3.	Total Hardness as CaCO ₃	mg/l	393.9	< 200
4.	Non Carbonate Hardness as CaCO ₃	mg/l	Nil	Not Specified
5.	Calcium as Ca	mg/l	68.81	< 75
6.	Magnesium as Mg	mg/l	53.98	< 30
7.	Alkalinity to Phenolphthalein as CaCO ₃	mg/l	Nil	Not Specified
8.	Alkalinity to Methyl orange as CaCO ₃	mg/l	435.6	< 200
9.	Chlorides as Cl	mg/l	161.5	< 250
10.	Sodium as Na	mg/l	82.59	Not Specified
11.	Potassium as K	mg/l	0.13	Not Specified
12.	Sulphates as SO ₄	mg/l	71.5	< 200
13.	Nitrates as NO ₃	mg/l	3.97	< 45
14.	Silica as SiO ₂	mg/l	5.27	Not Specified
15.	Iron as Fe	mg/l	0.02	< 0.3
16.	Fluoride as F	mg/l	1.03	< 1.0
17.	Lead as Pb	mg/l	<0.01	< 0.01
MICROBIOLOGICAL PARAMETERS:				
1.	Total no. of Coliforms	MPN/100ml	02	NIL
2.	Total no. of E.coli	Cfu/100ml	Absent	Absent in 100ml
3.	Total bacterial Count	Cfu/ml	44 x 10 ¹	Not Specified

- Note:**
1. The sample is analyzed as per IS: 3025 methods for Chemical analysis
 2. The certificate relates only to the sample tested.
 3. The above test results are meeting the standards hence the given water sample is potable for drinking.

Chemist



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**OFFICE OF THE DISTRICT MEDICAL & HEALTH OFFICER
RANGA REDDY DISTRICT, HYD.**

Rc. No. 1849/D&O/DM&HO/RR


Dated : 17-05-2022

SANITARY CERTIFICATE

I hereby declared that Health Inspector inspected the M/s Sri Vamshidhar High School, Located at H.No- 6-180, Nadergul (V), Balapur (M), Ranga Reddy District. Building premises and the accommodation provided for each of the several classes is sufficient for the maximum number of Pupils taught therein, and is properly ventilated and lighted, that the building is maintained is substantial repairs, that is neat and clean, that the urinals & latrines arrangements are adequate and satisfactory that the supply of drinking water is wholesome, and that in all other necessary respects the Hygienic and sanitation is good for the Academic year 2022-2023.

This certificate should be got renewed starting of every academic year by applying to the District Medical & Health Officer, R.R.District.

Place : Shivarampally
Date : 17-05-2022


District Medical & Health Officer
R.R. District.

