

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

1-7-292, Chaitanyapuri, Opp: Geetha Hospital,

Hyderabad-500035. Ph: 9133361333, 9133119119,8106559596 E Mail: mail2smasquality@gmail.com

Website:www.smaslabs.com

## CERTIFICATE OF ANALYSIS

Job No:	21500A	Issued To:
Our Ref:	SMAS/W/002-02-016/25	
Reporting Date:	12.02.2025	M/s. Sri Vamshidhar High School,
Collected On:	08.02.2025	Nadhargul, Balapur, Hyderabad.
Sample Particulars:	RO DRINKING WATER	

#### TEST RESULTS

S.No	TEST PARAMETERS			UNITS	RESULTS	Desirable Potable Limits As Per IS: 10500-2012
PHYSICAL	PARAMETERS:					
1.	PH				6.56	6.50 - 8.50
2.	Color			Hazen	Colorless	<5
3.	EC	100		μmhos/cm	58.33	Not Specified
CHEMICA	L PARAMETERS:					1 vot speemed
1.	Turbidity		To produce	NTU	< 0.01	< 1.0
2.	Total Dissolved Solids			mg/l	27	< 500
3.	Total Hardness	as	CaCO <sub>3</sub>		8.84	<200
4.	Non Carbonate Hardness		CaCO <sub>3</sub>		Nil	Not Specified
5.	Calcium	as	Ca	mg/l	1.57	< 75
6.	Magnesium	as ]	Mg	mg/l	0.952	< 30
7.	Alkalinity to Phenolphthalein	as	CaCO <sub>3</sub>	mg/l	Nil	Not Specified
8.	Alkalinity to Methyl orange	as	CaCO <sub>3</sub>	mg/l	14.03	<200
9.	Chlorides	as	Cl	mg/l	9.78	< 250
10.	Sodium	as	Na	mg/l	10.45	Not Specified
11.	Potassium	as	K	mg/l	< 0.01	Not Specified
12.	Sulphates	as	SO <sub>4</sub>	mg/l	< 0.01	<200
13.	Nitrates	as	NO <sub>3</sub>	mg/l	< 0.01	<45
14.	Silica	as	Si0 <sub>2</sub>	mg/l	< 0.01	Not Specified
15.	Iron	as	Fe	mg/l	< 0.01	< 0.3
16.	Fluoride	as	F	mg/l	< 0.01	<1.0
17.	Lead	as	Pb	mg/l	< 0.01	< 0.01
MICROBI	OLOGICAL PARAMETERS:					1 (0.01
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	06	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 thence the given water sample is potable for drinking.

Chemist

Authorized Signatory

MANAGER SRI VAMSHIDHAR HIGH SCHOOLSmall Scale Industries Certified Interpretation of the School Nader aut (V) Balap Ur (M). Regd. No. 591/12, ISO 9001:2015 Regd. No.

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In the field of dedicated Analytical Services

Hyderabad-501510





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### CERTIFICATE OF ANALYSIS

Job No:	21500B	Issued To:
Our Ref:	SMAS/W/002-02-017/25	
Reporting Date:	12.02.2025	M/s. Sri Vamshidhar High School,
Collected On:	08.02.2025	Nadhargul, Balapur, Hyderabad.
Sample Particulars:	BORE WATER	

#### TEST RESULTS

S.No	TEST PARAMETERS			UNITS	RESULTS	Desirable Potable Limits As Per IS: 10500-2012
PHYSICAL	PARAMETERS:					
1.	PH				7.57	6.50 - 8.50
2.	Color			Hazen	Colorless	< 5
3.	EC			μmhos/cm	1842	Not Specified
CHEMICA	L PARAMETERS:					
1.	Turbidity			NTU	0.85	< 1.0
2.	Total Dissolved Solids			mg/l	944	< 500
3.	Total Hardness	as	CaCO <sub>3</sub>	mg/l	450.8	< 200
4.	Non Carbonate Hardness	as	CaCO <sub>3</sub>	mg/l	Nil	Not Specified
5.	Calcium	as	Ca	mg/l	84.83	< 75
6.	Magnesium	as	Mg	mg/l	58.07	< 30
7.	Alkalinity to Phenolphthalein	as	CaCO <sub>3</sub>	mg/I	Nil	Not Specified
8.	Alkalinity to Methyl orange	as	CaCO <sub>3</sub>	mg/l	500.96	< 200
9.	Chlorides	as	Cl	mg/l	251.028	< 250
10.	Sodium	as	Na	mg/l	83.45	Not Specified
11.	Potassium	as	K	mg/l	3.87	Not Specified
12.	Sulphates	as	SO <sub>4</sub>	mg/l	40.06	< 200
13.	Nitrates	as	NO <sub>3</sub>	mg/l	3.14	< 45
14.	Silica	as	Si0 <sub>2</sub>	mg/l	12.05	Not Specified
15.	Iron	as	Fe	mg/l	0.02	< 0.3
16.	Fluoride	as	F. =	mg/l	1.38	< 1.0
17.	Lead	as	Pb	mg/l	< 0.01	< 0.01
MICROB	IOLOGICAL PARAMETERS:					
1.	Total no. of Coliforms			MPN/100m1	01	NIL
2.	Total no. of E.coli			Cfu/100ml	Absent	Absent in 100ml
3.	Total bacterial Count			Cfu/ml	$65 \times 10^{1}$	Not Specified

1.	Total no. of Coliforms	MPN/100m1	01	NIL
2.	Total no. of E.coli	Cfu/100ml	Absent	Absent in 100ml
3.	Total bacterial Count	Cfu/ml	$65 \times 10^{1}$	Not Specified

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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 not meeting the standards, hence the given water sample is not potable for drinking.

Chemist

ized Signatory

MANAGER PRINCIPAL SRI VAMSHIDHAR HIGH SCHOOFmall Scale Industries Certified Laborator SHIDHAR HIGH SCHOOF Nadergul(V) Balapur (M), Regd. No. 591/12, ISO 9001:2015 Certified Laboratory Balapur (M), Ranga Reddy Dist

Save Trees - Save Environment Ranga Reddy Dist

The field of dedicated Analytical Sarpless

Ranga Reddy Dist

Hyderabad-501510



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

At Shivarampally, Rajendranagar, Hyderabad, Telangana State.

Rc.No. 663/D&O/DM&HO/RR/2024

Dated: 02-07-2024

# **SANITARY CERTIFICATE**

I hereby declared that Health Inspector inspected the M/s Sri Vamshidhar High School, Located at 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 2024-2025.

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

District Medical & Health Officer

Ranga Reddy District

Ranga Roddy District.