

## PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.

Dated: 11/03/2024

It is certified that an inspection team headed by Dr. G. Rakesh Medical Officer, Primary Health Center Gopannapalem, Pedavegi Mandal, Eluru District, Andhra Pradesh. From Medical and Health Department, Inspected the Moulana Abul Kalam Azad EM & UM High School Jogannapalem, Denduluru Mandal, Eluru District on 11/03/2024 and found that the Moulana Abul Kalam Azad EM & UM High School has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.

11/03/2024 to 10/03/2025

The above is valid for a period of One year.

**MEDICAL OFFICER  
PRIMARY HEALTH CENTRE  
GOPANNAPELEM, ELURU DT.,**

Signature with Seal: Dr. G. RakeshName: Dr. G. RakeshDesignation: Civil Assistant Surgeon

Name & Address of the Office / Department: PHC  
Gopannapalem Medical  
Health Dept.

To

The Secretary &amp; Correspondent

Moulana Abul Kalam Azad EM &amp; UM High School

Jogannapalem, Denduluru Mandal, Eluru District

[Signature]  
**PRINCIPAL  
Moulana Abul Kalam Azad  
EM & UM High School  
Eluru, Eluru Dist., A.P.  
Pin: 534 450**

[Signature]  
**MANAGER  
Moulana Abul Kalam Azad  
EM & UM High School  
Eluru, Eluru Dist., A.P.  
Pin: 534 450**

GOVERNMENT OF ANDRAPRADESH  
DIRECTORATE OF INSTITUTE OF PREVENTIVE MEDICINE, P.H.LABS & FOOD (H) ADMN, AMARAVATHI, A.P  
**District Public Health Laboratory, Kotadibba - ELURU-534001**

**REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER**

Sample from: <b>Moulana Abul Kalam Azad Charitable Trust, 7th Mile Vidya Nagar, Denduluru, Eluru Dist.</b>	Lab Ref.No: <b>P-04-C</b>
Collected on : 06.01.2024	Received on : 06.01.2024
Collected By : Self	
Source profile/Id.No.: Bore water	

S.No.	Parameter	Result	Limits as per IS 10500:2012	
			Desirable (acceptable limit)	Permissible limit in the absence of alternative source
1	Colour	Colourless	5	15
2	Turbidity	0.5	1	5
3	Odour	Odourless		
4	p <sup>H</sup>	7.8	6.5-8.5	No Relaxation
5	Electrical conductivity at 25 <sup>o</sup> c Micro Mhos/cm	1520	...	...
6	T.D.S (Mg.L)	1003	500	2,000
<b>Chemical Parameters ( Mg/ L )</b>				
1	Phenolphthalein Alkalinity as (caco <sub>3</sub> )	...	...	...
2	Total Alkalinity	180	200	600
3	Total Hardness	280	300	600
4	Calcium Hardness (as caco <sub>3</sub> )	100	...	...
5	Magnesium Hardness	180	...	...
6	Calcium (as Ca.)	40	75	200
7	Magnesium	43.2	30	100
8	Ammonical Nitrogen	Nil	...	...
9	Nitrite (as.N.)	Nil	...	...
10	Sulphates (as.So <sub>4</sub> .)	Traces	...	...
11	Chloride (as Cl.)	280	250	1000
12	Fluoride (as F.)	0.5	1	1.5
13	Iron (as Fe.)	0.1	0.3	No Relaxation

**Remarks:**

*All the Physico & Chemical Characteristics are within the Desirable limits for drinking purpose.*



*B. Jagan Mohan Reddy*  
SENIOR ANALYST  
Dist. Public Health Lab  
ELURU - 534 001



Government of Andhra Pradesh  
Directorate of IPM PH Labs & Food (H) Administration, Amaravathi.  
DISTRICT PUBLIC HEALTH LABORATORY  
KOTADIBBA, ELURU, W.G.DIST

Sample From: Moulana Abul Kalam Azad Charitable Trust, 7th Mile Vidya Nagar, Denduluru, Eluru Dist.  
Collected by: Self.

Collected On: 06/01/2024 Received On: 06 /01/2024

Paid/Free: Paid

REPORT OF BACTERIOLOGICAL ANALYSIS OF WATER

Lab Ref. No	Source	Exact Location	Residual Chlorine mg per liter	MPN of Coli form Bacteria per 100/ml.	Nature of Coli form Bacteria isolated.
F-04-B	Bore Water	Bore Water at School	Nil	150	Klebsiella sps
F-05-B	RO Water	RO Water at School	Nil	Nil	Nil

Remarks :- The lab. Ref.No.F-04-B is Bacteriologically un satisfactory for drinking purpose as the MPN count is present.  
The lab. Ref.No.F-05-B is Bacteriologically satisfactory for drinking purpose as the MPN count is Nil.



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GOVERNMENT OF ANDRAPRADESH  
DIRECTORATE OF INSTITUTE OF PREVENTIVE MEDICINE, P.H.LABS & FOOD (H) ADMN, AMARAVATHI, A.P.  
District Public Health Laboratory, Kotadibba - ELURU-534001

**REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER**

Sample from: <b>Moulana Abul Kalam Azad Charitable Trust, 7th Mile Vidya Nagar, Denduluru, Eluru Dist.</b>	Lab Ref.No: <b>P-05-C</b>
Collected on : <b>06.01.2024</b>	Received on : <b>06.01.2024</b>
Collected By : <b>Self</b>	
Source profile/Id.No. : <b>RO water</b>	

S.No.	Parameter	Result	Limits as per IS 10500:2012	
			Desirable (acceptable limit)	Permissible limit in the absence of alternative source
1	Colour	Colourless	5	15
2	Turbidity	0.3	1	5
3	Odour	Odourless		
4	p <sup>H</sup>	7.3	6.5-8.5	No Relaxation
5	Electrical conductivity at 25 <sup>o</sup> c Micro Mhos/cm	180	...	...
6	T.D.S (Mg.L)	119	500	2,000
<b>Chemical Parameters ( Mg/ L )</b>				
1	Phenolphthalein Alkalinity as (caco <sub>3</sub> )	...	...	...
2	Total Alkalinity	40	200	600
3	Total Hardness	40	300	600
4	Calcium Hardness (as caco <sub>3</sub> )	28	...	...
5	Magnesium Hardness	12	...	...
6	Calcium (as Ca.)	11.2	75	200
7	Magnesium	2.88	30	100
8	Ammonical Nitrozen	Nil	...	...
9	Nitrite (as.N.)	Nil	...	...
10	Sulphates (as.So <sub>4</sub> .)	Nil	...	...
11	Chloride (as Cl.)	40	250	1000
12	Fluoride (as F.)	0.1	1	1.5
13	Iron (as Fe.)	Nil	0.3	No Relaxation

**Remarks:**

*All the Physico & Chemical Characteristics are within the desirable limits for drinking purpose.*



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