

GOVERNMENT OF ANDHRA PRADESH
DIRECTORATE OF I.P.M.PH.LAB5, FOOD (H) ADMN, Gollapudi, Vijaywada.
REGIONAL PUBLIC HEALTH LABORATORY, GUNTUR

REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER

Sample from	T.Sujatha, Nirmala High School, Atmakur (V), Mangalagiri Md, Guntur Dt.	Lab. Ref. No:	1235
		Collected on	24.02.2022
		Received on	24.02.2022
Collected by	DV.Nageswara Rao.	Source Profile	Ro

S.No	Parameter	Source / Sample	Limits as per IS 10500:2012	
		Drinking water tap (RO Water) at School.		
			Desirable (Acceptable limit)	Permissible limit in the absence of alternative source
Physical Parameters				
1	Colour (Hazen units)	<5.0	5	15
2	Turbidity in NTUS	0.1	1	5
3	Odour	Unobjectionable	Unobjectionable	Agreeable
4	pH	7.0	6.5 – 8.5	No relaxation
5	Conductivity at 25 °C (Micro Mhos/ Cm)	75	...	
6	TDS (mg/L)	49	500	2,000
Chemical parameters (mg/L)				
1	Alkalinity (as CaCO ₃)	Nil	...	
2	Total Alkalinity. Max	12	200	600
3	Total hardness max	20	300	600
4	Calcium hardness (as CaCO ₃)	4.0	..	
5	Magnesium hardness (as CaCO ₃)	16	..	
6	Calcium (as Ca)	1.6	75	200
7	Magnesium (as Mg)	3.9	30	100
8	Ammonical Nitrogen	Nil	...	
9	Nitrite (as N)	Nil	...	
10	Chloride (as Cl)	12	250	1,000
11	Fluoride (as F)	0.1	1	1.5
12	Iron (as Fe)	Nil	0.3	No relaxation

Remarks: : The given sample physico chemically all the analysed parameters are within the desirable limits and satisfactory for drinking purpose.

Senior Analyst (Water)
Regional Laboratory
Medical College Campus
Guntur-4.

MANAGER

NIRMALA HIGH SCHOOL
Atmakur (V), Mangalagiri Mandal,

PRINCIPAL

NIRMALA HIGH SCHOOL
Atmakur (V), Mangalagiri Mandal
Guntur Dist. PIN-522 503

CIVIL SURGEON BACTERIOLOGIST
REGIONAL LABORATORY
MEDICAL COLLEGE CAMPUS
GUNTUR-4

OFFICE OF THE DISTRICT MEDICAL AND HEALTH OFFICER::GUNTUR::

Rc.No.262/IDSP/2022,

Dated: 26-02-2022.

SANITARY CERTIFICATE

Sub: Public Health- NIRMALA HIGH SCHOOL, Atmakur Village, Mangalagiri Mandal, Guntur District -Sanitary Certificate - Issued - Reg.


Ref:1. Request letter from the Head Mistress NIRMALA HIGH SCHOOL, Atmakuru Village, Mangalagiri Mandal, Guntur District.

2. Inspection report of the MPHEO of this office .

This is to certify that the accommodation provided for the class rooms which is sufficient for the maximum number of students, which were in R.C.C Roofed building are properly ventilated and maintained in respect of the NIRMALA HIGH SCHOOL, Atmakur Village, Mangalagiri Mandal, Guntur District, as per the Inspection report of the MPHEO of this office.

The sanitary arrangements are adequate and satisfactory. The supply of safe Drinking water provided and the other conditions in sanitation point of view are up to the mark and the Certificate is issued by the following **Covid 19 instructions**.

1. All the students must wear Mask, without Mask no entry into the School.
2. Display the "No Mask No Entry" Play cards & Banners In the School Premises for creating awareness among the students and instruct to make Hand Washing technique to all staff.
3. Maintain the Social distance strictly (6 feet distance).
4. Sanitization of the class rooms and regular cleaning of Toilets/Wash rooms by the School authorities in regular intervals.
5. Clean and Disinfect frequently, used objects and surfaces.
6. Usage of Sanitizer before entry into the Class Room.


DISTRICT MEDICAL & HEALTH OFFICER,
GUNTUR.

To
The Head Mistress,
NIRMALA HIGH SCHOOL,
Atmakur Village,
Mangalagiri Mandal,
Guntur District.


MANAGER
NIRMALA HIGH SCHOOL
Atmakur (V), Mangalagiri Mandal,
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