

REGIONAL PUBLIC HEALTH LABORATORY KURNOOL MEDICAL COLLEGE CAMPUS: KURNOOL - AP

(Under the Control of the Directorate, I.P.M. P.H. Labs., Gollapudi, Vijayawada, A.P.)

REPORT OF CHEMICAL EXAMINATION OF WATER

Name & Address of Sender	Montessori Indus Residential School, Gooty Road. Kurnool.								
Sender's Reference Number				Collected					
Date of Sample Collected	01	08	2023	Date of Re	Date of Receipt		08	2023	
Lab Reference Number	725/C/2023			Receipt Number		01	- 00	2023	
Source of the Sample	R.O. Water								

Report of Physico chemical Analysis

S.No	Characteristics	Results	Desirable limit as per IS 10500 2012		
01	Appearance	Clear	Normal		
02	Colour	Normal	5-10 HU		
03	Turbidity (NTU)	Nil	10		
04	Odour	Absent	Unobjectionable		
05	PH	8.5	6.5-8.5		
06	Electrical Conductivity(Micrahoms/cm at 25°C)	81			
07	Total Dissolved Solids	53	500-1500		
08	Alkalinity/Phenolphalein	15			
09	Methyl Orange(as Ca CO ₃)		300-600		
10	Total Hardness(as Ca CO₃)	20	200-600		
11	Carbonate Hardness(as Ca CO ₃)	15			
12	Non-Carbonate Hardness(as Ca CO ₃)	05			
13	Chlorides (as CI)	20	200-600		
14	Flourides (as F)	0.2	0.5-1.5		
15	Ammonical Nitrogen	Nil	Absent		
16	Nitrites (as NO ₂)	Nil	Absent		
17	Oxygen consumed from KMnO ₄				
18	Iron	0.01 mg/l			
19	Sulphates	Nil	200		

Remark: All Parameters Analysed are within permissible limits. However total dissolved solids must be maintained between 100 mg/L to 150 mg/L

Gr. Naghera nessy

Senior Water Analyst Regional Laboratory Kurnool ivil Surgeon Bacteriologis Regional Laboratory, Kurnool.



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Sample sender address

: Montessori Indus Residential School, Gooty Road. Kurnool.

Sender Reference No.

Date of sample collection : 01-08-2023 Date of Receipt

: 01-08-2023

Lab Reference No.

: 824/B/2023

Source of Water sample : R.O. Water

Report of Bacteriological Analysis.

Total MPN count per 100ml sample

NIL

24 Hours at 37°c

NIL

Organism isolated

BACTERIOLOGICAL QUALITY SATIS FACTORY

Nature of Organism

NIL

Remarks: The above source of water is bacteriologically. Satisfactory.

GV. Neghera Neddy Senior Water Analyst Regional Laboratory

Kurnool

Regional Laboratory,

Kurnool.