

GOVERNMENT OF ANDHRA PRADESH
 Directorate of I.P.M., P.H. Labs, Food(H) Administration, Mangalagiri, Guntur Dist.
 District Public Health Laboratory & Water Quality Monitoring Laboratory, ONGOLE

Report of Physical and Chemical Analysis of Water

Sample from: **HYDERABAD UPPER PRIMARY SCHOOL
 DOCTORS EDUCATIONAL SOCIETY
 KOLLA HANUMANTHARAO ARCH ROAD
 D.No: 37-76-301, KOTHAMUDI PALET
 ONGOLE, PRAKASAM (Dist)**

Lab. Ref. No: **2792**
 Collected on: **05-03-2024**
 Received On: **05-03-2024**
 Paid/Free: **paid**
 Limits as per IS 10500:2012

Collected by: **S. S. B. ESHWAR**
 Source/
 Sample: **R.O. WATER (BUBBLE WATER)**

Sl. No	Physical Parameters	Desirable (Acceptable limit)	Permissible limit in the absence of alternative source
1	Colour (Hazen units)	5	15
2	Turbidity (NTU)	1	5
3	Odour	Agreeable	Agreeable
4	pH Value	6.5 - 8.5	No relaxation
5	E.C. at 25° C Micro Mhos/cm	-	-
6	Total dissolved solids Mg/Lt.	500	2,000
Chemical Parameters (mg/L)			
1	Phenolphthalein Alkalinity (as CaCO ₃)	-	-
2	Total alkalinity Max	200	600
3	Total Hardness Max	200	600
4	Calcium Hardness (as CaCO ₃)	-	-
5	Magnesium Hardness (as CaCO ₃)	-	-
6	Calcium (as Ca)	75	200
7	Magnesium (as Mg)	30	100
8	Nitrite (as N)	-	0.02
9	Ammonical Nitrogen (as N)	-	-
10	Sulphate (as SO ₄)	200	400
11	Chloride (as Cl)	250	1,000
12	Fluoride (as F)	1	1.5
13	Iron (as Fe)	0.3	No relaxation

REMARKS:

The given water sample is chemically satisfactory for drinking purpose, as the above analyzed parameters are within the permissible limits.

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 ONGOLE, Prakasam Dist.

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 & Water Quality Monitoring Laboratory
 ONGOLE