


TEST REPORT

Reference No:	PD/23-24/W/7456
Customer Name & Address:	Prasad Hopital Miraj Road, Athani.
Sample Name:	Drinking Water.
Quantity Of Sample:	1 lit.
Sample Packaging Condition:	Drawn by Prani Diagnostics in sterilized bottle.
Sample Received Date:	27.11.2023
Duration Of Analysis:	27.11.2023 -30.11.2023

Sr. No	Test Parameters	Results	Unit	Desirable limits	Test Method
I. PHYSICAL ANALYSIS					
1.	Colour	<1	Hazen	5	IS3025(P4)-1983RA2017
2.	Odour	Agreeable	-	Agreeable	IS3025(P5)-1983RA2017
3.	Turbidity	<1	NTU	5	IS 3025(P10)-1984 RA2017
4.	pH	6.88	-	6.5-8.5	IS 3025(PII)-1983CI2RA2017
5.	Conductivity	0.172	mS/cm	Not specified	IS 3025(PI4)-1884RA2013
II. CHEMICAL ANALYSIS					
1.	Total Hardness (asCaCO ₃)	75.02	mg/lit	200	IS3025(P21)-2009RA2014
2.	Calcium Hardness(asCa)	13.55	mg/lit	75	IS3025(P40)-1991RA2014
3.	Magnesium(asMg)	9.87	mg/lit	30	IS3025(P46)-1994RA2014
4.	Chlorides,as(Cl ⁻)	46.87	mg/lit	250	IS3025(P32)-1988RA2014
5.	Sulphate,as(SO ₄ ⁻)	05	mg/lit	200	IS3025(P24)-1986RA2014
6.	Total Dissolved Solids	160	mg/lit	500	IS3025(P16)-1984RA.2017
7.	P-Alkalinity,(asCaCO ₃)	00	mg/lit	200	IS3025(P23)- 1986RA2014
8.	M-Alkalinity,(asCaCO ₃)	73.6	mg/lit	200	
III.MICROBIOLOGICAL ANALYSIS					
1.	Total Coliforms(M.P.N.)	Absent		Absent/ 100ml	IS1622-1981RA2014
2.	<i>E.Coli</i>	Absent		Absent/ 100ml	IS 1622-1981RA2014

Remark; The results of above test parameters do conform to the desirable limits as per IS 10500:2012,hence the water is considered suitable for drinking purpose.

Authorised Signatory,


 Mrs. Manisha Pathak
 Prani Diagnostics.

