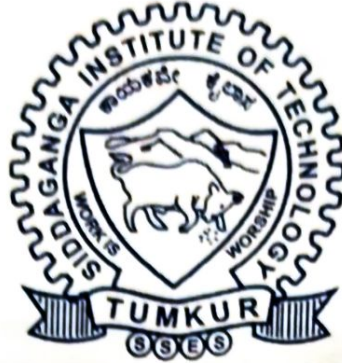


SIDDAGANGA INSTITUTE OF TECHNOLOGY

TUMAKURU – 572 103



TEST REPORT

Ref. No. : Nil dated 24.05.2023

Subject : Water quality testing report for Drinking Purpose

Name of the Client : PODAR International School, Gulur, Tumkur.

Consultant : Sri H Devasharma

Department of Civil Engineering

Date: 02-06-2023

Approved 02/06/2023

Principal

Siddaganga Institute of Technology

Tumakuru – 572 103

- NB:**
1. This report consists of TWO pages and ONE Table
 2. This report should not be published either in part or full except with permission in writing from the Principal of the Institute.


DEPARTMENT OF CIVIL ENGINEERING
SIDDAGANGA INSTITUTE OF TECHNOLOGY – TUMAKURU – 572 103

DETAILS OF WATER TEST

With reference to the above, the water samples supplied and labelled by one of your representatives has been tested in Environmental Engg. Lab of Civil Engg. Dept. The test results are mentioned below:

RO Water

Sl.No	Parameter	Results Obtained	Requirement (Acceptable limit) (mg/l)	Permissible Limit As per standards – 10500-2012 (In the absences of alternate source) (mg/l)	Remarks
1	Acidity (in mg/l) as CaCO ₃	24	-	-	No Prescribed Limit
2	Total Alkalinity (mg/l) as CaCO ₃	180	200	600	OK
3	pH	7.48	6.5-8.5	6.5-8.5	OK
4	Total Hardness (mg/l) as CaCO ₃	184	200	600	OK
5	Calcium (Ca) in (mg/l)	18.43	75	200	OK
6	Total Dissolved Solids (ppm)	8.55	500	2000	OK
7	Chlorides (mg/l)	67	250	1000	OK
8	Fluorides (mg/l)	0.16	1.0	1.5	OK
9	Sulphates (mg/l)	32	200	400	OK
10	Nitrates (mg/l)	0.01	45	45	OK
11	Electric Conductivity (μS/cm)	14.9	400	No to exceed as per WHO standards	OK


 Staff Incharge
 (Sri H.Devasharma)


 (Dr. Pavan Kumar Emani)
 Professor & Head
 Dept. of Civil Engg.