

अनुसंधान, परीक्षण एवं कॅलिब्रेशन प्रयोगशाला

RESEARCH, TESTING AND CALIBRATION LABORATORY

RTC

LABORATORY

(NABL ACCREDITED LABORATORY AS PER ISO/IEC: 17025-2017 VIDE CERTIFICATE NO. TC-6683)

(A Division of Metal Handicrafts Service Centre)

वस्त्र मंत्रालय, भारत सरकार के नियन्त्रणाधीन

(Under Control of Ministry of Textiles Govt. of India,)

Peetal Nagri, Rampur Road, Moradabad -244001 (U.P.) INDIA



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TEST REPORT

TR REF. No. : RTCL - 36416/ 2024 - 25 / Q2C- 2425050000450

ULR No. : TC668324000000950F

Received Date : 13.05.2024

Customer Name

: M/S S.L. EDUCATION INSTITUTE

PALLUPURA GHOSI,

POST-PAKWARA,

DISTT- MORADABAD - 202413

Tel. No.

: 790622006, 7500590043

Contact Person

: MS. NARENDRA KUMAR

Date of TR : 16.05.2024

Date of Test Start : 13.05.2024

Date of Test End : 16.05.2024

Page 1 of : 3



[ACCREDITED SCOPE]

Sample Information

* Sample Description

: SUBMERSIBLE WATER

* Qty. Submitted

: 01(ONE) NO. (1 Litre)

* Colour

: NATURAL

* Customer Receipt Ref. Date

: 13.05.2024

* Customer Ref. No.

: SLETP-/WATER T. REPORT/2024

* Style No. / Article No.

: N.A

* Type of Test Required

: WATER PARAMETERS EXCEPT BL TEST,
AS SPECIFIED BY CUSTOMER* Deviation if any from
the standard including
environmental condition

Order No. :

N.A

Buyer Name :

N.A

Buying House :

N.A

Country of

Destination :

N.A

Country Origin :

INDIA

SKU No./ Item No. :

N.A



CERTIFICATE No:



TC-6683

Sample from : (RM / In process / Finished Product) :- NA

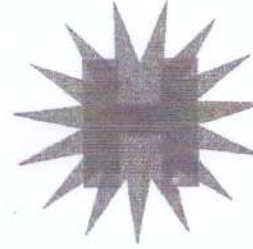
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Dr. Ravindra Kumar
General Manager
MHSC
Moradabad (U.P.) 244001
(India)

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TR REF. No. : RTCL - 36416/ 2024 - 25 / Q2C- 2425050000450

RESULT : Type of Test Conducted : - Water Parameters Except BL Test.

TEST METHOD : APHA 23rd ED17, IS : 3025 & ASTM D:1976:2012

Sample Discription : SUBMERSIBLE WATER

Type of Test Conducted	Test Results	Limits IS:10500		Conformity
		Acceptable	Permissible	
P ^H	7.40	6.5 to 8.5	6.5 to 8.5	Yes
COLOUR	1.0 Hazan	5.0 Max.	15.0 Max.	Yes
ODOUR	Unobjectionable	Unobjectionable	Unobjectionable	Yes
TOTAL DISSOLVED SOLIDS (T.D.S.)	144 mg / L	500.0 Max.	2000 Max.	Yes
TURBIDITY	0.1 NTU	1.0 Max.	5.0 Max.	Yes
CHLORIDE	17.2 mg /L	250 Max.	1000 Max.	Yes
TOTAL HARDNESS	32.0 mg /L	200.0 Max.	600 Max.	Yes
CALCIUM (Ca)	BDL mg /L	75.0 Max.	200 Max.	Yes
ALKALINITY	12.0 mg /L	200.0 Max.	600.0 Max.	Yes
SULPHATE	BDL mg /L	200.0 Max.	400.0 Max.	Yes
FLUORIDE(F)	BDL mg /L	1.0 Max	1.5 Max	Yes
CYANIDE	BDL mg / L	0.05 Max.	0.05 Max.	Yes
NITRATE	BDL mg /L	45.0 Max.	45.0 Max.	Yes
LEAD (Pb)	BDL mg /L	0.01 Max.	0.01 Max.	Yes
CADMIUM (Cd)	BDL mg /L	0.003 Max.	0.003 Max.	Yes
MAGNESIUM (Mg)	BDL mg /L	30.0 Max.	100 Max.	Yes
IRON (Fe)	0.066 mg /L	0.3 Max.	0.3 Max.	Yes
NICKEL (Ni)	BDL mg /L	0.02 Max.	0.02 Max.	Yes
MANGANESE (Mn)	0.006 mg /L	0.1 Max.	0.3 Max.	Yes
COPPER (Cu)	BDL mg /L	0.05 Max.	1.5 Max.	Yes
CHROMIUM (Cr)	BDL mg /L	0.05 Max.	0.05 Max.	Yes
ZINC (Zn)	BDL mg /L	5.0 Max.	15.0 Max.	Yes
ARSENIC (As)	0.004 mg /L	0.01 Max.	0.05 Max.	Yes
ALUMINIUM (Al)	BDL mg /L	0.03 Max.	0.2 Max.	Yes

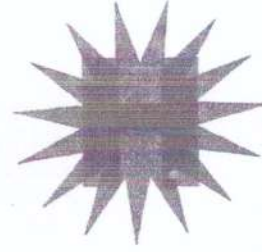
Observation : All Parameters are with in the Acceptable limit.

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CONCLUSION / REMARKS : Except P^{Hi}, Colour, Odour, Taste & Turbidity all limits are in mg /L.
: mg /L - miligram per litre

: 1 mg/kg = 1 ppm (PART PER MILLION)= 0.0001%

The tested water is free from any Toxic Content,
However RTCL does not fully cover the specification of BIS
for Drinking water IS : 10500 : 2012, (Second Revision).

Note :

1. Taste of the Sample is Agreeable .

2. QR Code is available on 1st page of the Test Report for the details of Accredited Scope. Vide C.R No TC- 6683.
3. The test results relate only to the Item(s) tested & we do not accept any Legal Liabilities.
4. This report is not to be reproduced wholly or in part and can not be used as an Evidence in the Court of Law & should not be used in any Advertising Media without prior permission of the Centre in writing.
5. Sr. No-1 Note is out of NABL Accredited.

SAMPLE NOT DRAWN BY RTCL

Authorised Signatory

END OF REPORT


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Facilities available at R.T.C.L. :-

- *Testing :- Lead & Cadmium Leaching, Total Lacquer Quality Test (Salt Spray, Humidity, Pin Hole, Adhesion etc.) Metallic & Non - Metallic Coating Thickness (Silver, Copper, Nickel, Zinc & Chrome etc. and Paint, Powder & Lacquer), Metal & Metal Alloys Composition, Drop Test & Bursting Test
- *Any Other problem in the field of Metal Finishing, Casting & Forming, Water & Waste Water Testing.
- *Consignment Inspection, Expert Opinion & Handicrafts Product Test as per Buyer Protocol.

SRS -

(Under Control of Development Commissioner (Handicrafts), Ministry of Textiles, Govt. of India, New Delhi)

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[ISO/IEC:17025:2017 Accredited Testing Laboratory by NABL vide Certificate Number TC-6683]

Listed with ASTM International Directory of Testing Labs

Pls. refer the website www.nabl-india.org to view our scope of Accredited Tests.