

Issued to: M/S New Mangalore port Trust

ULR No.:TC636623000003215F-3218F

Panambur, Mangalore

Test Report Date: 07/05/2024

Karnataka, India

**Sample Particulars:**

**Nature of samples and No. of Samples** : **Drinking Water and Four Nos**

**Sample Quantity and Packaging** : **1 Litre Each, PET Bottle**

**Sample Received at Lab** : **01/05/2024**

**Test Started on** : **01/05/2024**

**Test Completed on** : **06/05/2024**

**Method of sampling** : **SOP/B/D-3**

**Sampling Conducted by** : **Mr. Balwant Singh (Nitya Lab Representative)**

**WATER SAFETY CERTIFICATE**

S.NO.	PARAMETERS	UNITS	TEST RESULTS				REQUIREMENT IS:10500	PRTOCOL
			ADMINISTARTION BUILDING AS DW1	NMPT SCHOOL AS DW 2	NMPT CANTEEN AS DW3	HOSPITAL AS DW 4	DESIREABLE	PERMISSIBLE
1	DATE OF SAMPLING		30/04/2024	30/04/2024	30/04/2024	30/04/2024		
2	Ph		6.67	6.72	6.65	6.68	6.5-8.5	
3	COLOUR	Hazen	<5	<5	<5	<5	5	15
4	ODOUR		-	AGREEABLE	AGREEABLE	AGREEABLE	AGREEABLE	AGREEABLE
5	TURBIDITY	NTU	0.29	0.31	0.28	0.36	1	5
6	ELECTRICAL CONDUCTIVITY	Us/cm	96.3	132.4	184.8	116.8	-	-
7	TOTAL DISSOLVED SOLIDS	mg/l	64	112	108	80	500	2000
8	TOTAL HARDNESS AS (CaCO3)	mg/l	18	28	12	26	200	600
9	CHLORIDE AS CL	mg/l	14.4	20.0	13.6	15	250	1000
10	SULPHATE AS SO4	mg/l	8.16	8.21	8.02	7.09	200	400
11	IRON AS Fe	mg/l	<sup>1</sup> ND	<sup>1</sup> ND	<sup>1</sup> ND	<sup>1</sup> ND	0.3	NO RELAXATION
12	AMMONICAL NITROGEN	mg/l	0.07	0.08	0.06	0.05	-	-
13	TOTAL PHOSPHATE AS PO4-	mg/l	0.08	0.09	0.109	0.08	-	-
14	STANDARD PLATE COUNT	Cfu/ML	56	60	59	66	-	-
15	TOTAL COLIFORM	MPN/100ml	MPN/100ml	Absent	Absent	Absent	Absent	Absent

## Remarks

D-Delection Limit, DL-Detection Limit, the lowest concentration of a substance that can be accurately measured under specified experimental conditions

mg-Milligrams per Litre, NTU-Nephelometric Turbidity Unit, us/cm- Micro Siemens per Centimeter, Iron: ND (DL-0.05), KSPCB-Karnataka State Pollution Control Board

Inference: as per Drinking Water Standards of IS: 10500:2012 all the parameters are within limits.