TEST REPORT

ULR – TC620624000026953F **Date: 30.04.2024**
Test Report No: MBT / CL / BL / 63035 / 2024 – 2025

Sample No	:	**W240427-0020**
Job Card No	:	**63035**
Reference to sampling procedure, Wherever applicable	:	**Not applicable**
Deviation from the test methods as prescribed in relevant ISS/Work Instructions, if any	:	**NIL**
Test Commenced On	:	**27.04.2024**
Test Completed On	:	**29.04.2024**

S.No	Test Parameters	Test Method	Result	Unit	Permissible Limit as per IS 10500: 2012
1	Colour	IS : 3025 (Part 4) - 1983 (Reaffirmed - 2017)	1.0	Hazen	Max 15
2	Odour	IS : 3025 (Part 5) - 2018	Agreeable	---	Agreeable
3	Turbidity	IS : 3025 (Part 10) - 1984 (Reaffirmed - 2017)	<1	NTU	Max 5
4	Total Dissolved Solids	IS : 3025 (Part 16) - 1984 (Reaffirmed - 2017)	743	mg/l	Max 2000
5	pH @ 25°C	IS : 3025 (Part 11) - 1983 (Reaffirmed - 2017)	7.28	---	No relaxation (6.5 – 8.5)
6	Total Hardness as CaCO3	IS : 3025 (Part 21) - 1983(Reaffirmed - 2019)	352	mg/l	Max 600
7	Total Alkalinity as CaCO3	IS : 3025 (Part 23) - 1986 (Reaffirmed - 2019)	273	mg/l	Max 600
8	Nitrate (as NO_3)	IS : 3025 (Part 34) - 1988 (Reaffirmed - 2019)	BLQ (LOQ:1.0)	mg/l	No relaxation (Max 45)

M 2425133

MONARCH BIOTECH (P) LTD. Chennai 600 124 Nuclear Counting Division

N. Rajan,
Technical Manager – Chemical,
Authorized Signatory.

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LAB : 37-A,SIDCO Industrial Estate, Thirumazhisai, Chennai 600 124, Tamilnadu, INDIA. Ph: 91- 44- 2681 0052

TEST REPORT

ORIGINAL

Date: 30.04.2024

ULR – TC620624000026953F
Discipline: Chemical, Biological
Group : Water
Test Report No: MBT / CL / BL / 63035 / 2024 – 2025

PARTICULARS OF SAMPLE SUBMITTED

*Sample Described by customer as	:	**GROUND WATER**
*Customer Name	:	**M/s. JAYA JAYA SANKARA INTERNATIONAL SCHOOL**
*Customer Address	:	**3/495, Chennai - Bangalore Highway, Nazarathpet, Thiruvallur, Chennai.**
*Postal Code	:	**600 123**
State	:	**Tamil Nadu**
Country	:	**India**
Sample Code No	:	**W240427-0020**
Sample Type	:	**WATER**
Sample Received Date	:	**27.04.2024**
Sample Qty. Recd.	:	**5 Liter x 1 No & 100ml x 1 No**
*Customer Reference	:	**Letter Dated: Nil**
*Batch No	:	**Nil**
*Mfg. Date / Sampling Date	:	**Nil**
*Exp. Date	:	**Nil**

Note: *This information was provided by customer

Terms and Condition

This report in full or in part shall not be published, advertised and used for any legal action, unless prior permission has been secured. This test report pertains only for the sample tested and such samples are retained for 7 days (in case of perishable) and 30 days for all other samples. The Samples from Regulatory bodies will be retained as specified, if there is any discrepancy / complaint received from the customer within 30 days from the date of report, the sample will be kept for further 30 days. The sample will be disposed of or returned on request after the retention period. The total liability of this laboratory is limited to the Invoice amount. Sample not drawn by laboratory unless stated.

For Monarch Biotech Pvt Ltd

M 2425132

MONARCH BIOTECH (P) LTD. Chennai 600 124 Nuclear Counting Division

K. Senthilnathan,
Deputy Technical Manager- Chemical,
Authorized Signatory.

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TEST REPORT

ULR – TC620624000026953F **Date: 30.04.2024**
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Sample Code No: W240427-0020

S.No	Test Parameters	Test Method	Result	Unit	Permissible Limit as per IS 10500: 2012
9	Fluoride (as F)	IS : 3025 (Part 60) – 2008 (Reaffirmed - 2019)	BLQ (LOQ:0.2)	mg/l	Max 1.50
10	Chloride (as Cl)	IS : 3025 (Part 32) - 1988 (Reaffirmed -2019)	149	mg/l	Max 1000
11	Sulphate (as SO_4)	IS : 3025 (Part 24) - 1986 (Reaffirmed - 2019)	134	mg/l	Max 400
12	Calcium (as Ca)	IS : 3025 (Part 40) - 1991 (Reaffirmed - 2019)	98.3	mg/l	Max 200
13	Magnesium (as Mg)	IS : 3025 (Part 46) - 1994 (Reaffirmed - 2019)	30.2	mg/l	Max 100
14	Iron (as Fe)	IS : 3025 (Part 2) - 2004 (Reaffirmed - 2019)	BLQ (LOQ:0.01)	mg/l	No relaxation (Max 1.00)
15	Electrical Conductivity @ 25°C	IS : 3025 (Part 14)	1482	µs/cm	---
16	Free Residual Chlorine	IS : 3025 (Part 26) - 1986 (Reaffirmed - 2019)	BLQ (LOQ:0.02)	mg/l	Min 1.00

BLQ: Below Limit of Quantification, **LOQ**: Limit of Quantification, **NTU**: Nephelometric Turbidity Unit.

Remarks: The above water sample complies with (Permissible limits) Requirements as per IS 10500: 2012 (RA-2018) Amendment No.4 Drinking Water Specification for the tested parameters.

M 2425134

MONARCH BIOTECH (P) LTD. Chennai 600 124 Nuclear Counting Division

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TEST REPORT

Date: 30.04.2024

ULR – TC620624000026953F
Test Report No: MBT / CL / BL / 63035 / 2024 – 2025

Sample No	:	**W240427-0020**
Job Card No	:	**63035**
Reference to sampling procedure, Wherever applicable	:	**Not applicable**
Deviation from the test methods as prescribed in relevant ISS/Work Instructions, if any	:	**NIL**
Test Commenced On	:	**27.04.2024**
Test Completed On	:	**28.04.2024**

S.No	Test Parameters	Test Method	Result	Unit	Requirements As Per IS 10500 : 2012
1	*Total coliform*	IS 15185 : 2016	Absent	Per 100 ml	Absent Per 100 ml
2	*Escherichia coli*		Absent	Per 100 ml	Absent Per 100 ml

Remarks: The above water sample complies with requirements as per IS 10500: 2012 (RA-2018) Amendment No.4 Drinking Water Specification for above the tested parameters.

..... End of Report.....

M 2425135

MONARCH BIOTECH (P) LTD. Chennai 600 124 Nuclear Counting Division

S. Thamarai Selvi,
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MONARCH NUCLEAR COUNTING LABORATORY
A UNIT OF MONARCH BIOTECH PRIVATE LIMITED

Accredited by AERB, Recognized By BIS & Notified by FSSAI

TEST REPORT

Test Report No: MBT / CL / BL / 63035 / 2024 – 2025 **Date: 30.04.2024**

PARTICULARS OF SAMPLE SUBMITTED

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Country	:	**India**
Sample Code No	:	**W240427-0020**
Sample Type	:	**WATER**
Sample Received Date	:	**27.04.2024**
Sample Qty. Recd.	:	**5 Liter x 1 No & 100ml x 1 No**
*Customer Reference	:	**Letter Dated: Nil**
*Batch No	:	**Nil**
*Mfg. Date / Sampling Date	:	**Nil**
*Exp. Date	:	**Nil**
Test Commenced On	:	**27.04.2024**
Test Completed On	:	**29.04.2024**

Note: *This information was provided by customer

TEST RESULTS:

S.No	Test Parameters	Test Method	Result	Unit	Permissible Limit as per IS 10500 : 2012
1	Silica as SiO2	IS : 3025 (Part 35) - 1988 (Reaffirmed - 2019)	34.9	mg/l	---

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********** End of Report**********

M 2425136

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