

By hand
12/04/2025



POLUCHEM LABORATORIES PVT LTD

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, NORTH KALAMASSERY, ERNAKULAM - 683104

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ACCREDITED BY NABL - GOVT. OF INDIA AND KSPCB AS "A" GRADE LABORATORY

TEST REPORT

Page 01 of 02

Ref.No: PL/RT/DW/553/2024
(ULR NO:TC6589250000000553F)

Date of Issue: 01/03/2025

Name & address of customer

: M/s Amrita Vidyalayam
Kunnumpuram, Edappally, Ernakulam Dist.

Sample drawn by
Sampling Method

: Poluchem Laboratory Sample Collector
: IS 3025 Part 1 1987- Reaffirmed 2014

Sample description

: Drinking Water

Sample code

: B/553/2025

Date of sampling

: 25/02/2025

Date of receipt of sample

: 25/02/2025

Date of analysis started

: 25/02/2025

Date of completion of analysis

: 01/03/2025

Parameters tested	Test method	Results	Acceptable Limit As per IS - 10500 - 2012
pH	IS 3025 (P) 11 - 1983 RA 2017	6.87	6.5 - 8.5
Color	IS 3025 (P) 04 - 1983 RA2017	3 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 - 1983 RA2017	Agreeable	Agreeable
Taste	IS 3025 (P) 08 - 1984 RA2017	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 - 1984 RA2017	BDL(MDL-0.1 NTU)	1 NTU
Total Dissolved Solids	IS 3025 (P) 16 - 1984 RA2017	98.6 mg/l	500 mg/l
Total Hardness as CaCO ₃	IS 3025 (P) 21 - 1983 RA2014	33.02 mg/l	200 mg/l
Calcium as Ca	IS 3025 (P) 40 - 1991 RA2014	10.3 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 - 1994 RA2014	1.77 mg/l	30 mg/l
Total Alkalinity as CaCO ₃	IS 3025 (P) 23 - 1986 RA2014	10.3 mg/l	200 mg/l
Residual Chlorine	IS 3025 (P) 26 - 1986 RA2014	0.2 mg/l	Min 0.2 mg/l
Chloride as Cl ⁻	IS 3025 (P) 32 - 1988 RA2014	15.6 mg/l	250 mg/l
Sulphate as SO ₄	IS 3025 (P) 32 - 1988 RA2014	14.6 mg/l	200 mg/l
Iron as Fe	IS 3025 (P) 53 - 2003 RA2014	0.14 mg/l	1 mg/l
Nitrate as NO ₃	IS 3025 (P) 34 - 1988 RA2014	BDL(MDL-1 mg/l)	45 mg/l
Phenolic Compound as C ₆ H ₅ OH	IS 3025 (P) 43-1992 RA2014	BDL(MDL-0.001mg/l)	0.001 mg/l
Fluoride as F	IS 3025 (P) 60 -2008 RA2013	BDL(MDL-0.1 mg/l)	1.0 mg/l
P- Alkalinity as CaCO ₃	IS 3025 (P) 23 - 1986 RA2014	BDL(MDL-1 mg/l)	---
Calcium Hardness as CaCO ₃	IS 3025 (P) 40 - 1991 RA2014	25.69 mg/l	---
Magnesium Hardness as CaCO ₃	IS 3025 (P) 46 - 1994 RA2014	7.33 mg/l	---
Aluminum as Al	IS 3025 (P) 55 -2003 RA2014	BDL(MDL-0.01 mg/l)	0.03 mg/l

BDL - Below Detection Level, MDL- Minimum Detection Level

For Poluchem Laboratories (P) Ltd

Reviewed & Authorized By.

The above results are related only to the sample submitted for analysis. This test report shall not be reproduced except in full, without the written approval of the laboratory.

SREEJA HAMESH
QUALITY MANAGER
POLUCHEM LABORATORIES PVT. LTD



Continuation of Test Certificate No: 553/2024

RESULT OF MICROBIOLOGY ANALYSIS

PARAMETERS TESTED	TEST METHOD	UNIT	RESULTS	Acceptable Limit As per IS - 10500 - 2012
Coliforms	IS 1622: 1981 RA 2019	MPN/100ml	Absent	Absent
E coli	IS 1622: 1981 RA 2019	Present or Absent/100ml	Absent	Absent

For Poluchem Laboratories (P) Ltd

Induja
Reviewed & Authorized By.

INDUJA M
Microbiologist
Poluchem Laboratories (P) Ltd

End of the report

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Ref.No. PL/RT/DW/553/2024

Date of Issue: 01/03/2025

Name & address of customer

: M/s Amrita Vidyalayam
Kunnumpuram, Edappally, Ernakulam Dist.

Sample drawn by

: PoluChem Laboratory Sample Collector

Sampling Method

: IS 3025 Part 1 1987- Reaffirmed 2014

Sample description

: Drinking Water

Sample code

: B/553/2025

Date of sampling

: 25/02/2025

Date of receipt of sample

: 25/02/2025

Date of analysis started

: 25/02/2025

Date of completion of analysis

: 01/03/2025

Parameters tested	Test method	Results	Acceptable Limit As per IS - 10500 - 2012
Arsenic as As	IS 3025(P) 37- 1988 RA2014	BDL(MDL-0.005 mg/l)	0.01 mg/l
Cyanide as CN	IS 3025(P) 48 - 1994 RA2014	BDL(MDL-0.01 mg/l)	0.05 mg/l

BDL - Below Detection Level, MDL- Minimum Detection Level

For PoluChem Laboratories (P) Ltd

Reviewed & Authorized By

SREEJA RAMESH
QUALITY MANAGER

POLUCHEM LABORATORIES PVT. LTD

End of the report

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