



KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LABORATORY IRIKKUR
WTP JICA, PERUVALATHUPARMBA-670593

TEST REPORT

NABL Recognized <<Sub-Divisional Level>> Government Drinking Water Testing Laboratory
 (Certificate No: NABL.DWT.00992 Valid till: 02/01/2028)

Tele phone No : 0460 2258380

email : kwaqualitysdlirikkur@gmail.com

Report No-KWA/QA/R/5/1690/J/58/203				Date : 15.05.2026	
Customer Name and Address		1. Date of receipt		To : 14.05.2026	
Principal Islahi English Medium School Irikkur (Non-Domestic Purposes)		2. Sample provided by		Customer (QUA_337944)	
		3. Sample code		: 5(979)	
		4. Sample		Drinking Water	
		5. Source of Sample		Open Well	
		6. Sample quantity		: 1lit	
		7. Test performing dates		From : 14.05.2026	
Sl No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Colour	HAZEN	IS 3025 (part 04) -2021 - Platinum Cobalt Visual Comparison Method	5	—
2	Taste		IS 3025(Part 8) - 2023	Agreeable	—
3	Odour		IS 3025 (part 5) -2018	Agreeable	—
4	Turbidity	(NTU)	IS 3025 (part 10) -2023 - Nephelometric Method	1	0.86
5	pH (25°C)		IS 3025 (part 11) -2022 - Potentiometric Method	6.5 to 8.5	7.48
6	Total Alkalinity (as CaCO ₃)	(mg/litre)	IS 3025 (part 23) -2023 - Indicator Method	200	—
7	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) -2023 - Gravimetric Method	500	—
8	Total Hardness (as CaCO ₃)	(mg/litre)	IS 3025 (part 21) -2009 (Reaffirmed 2023) - Volumetric Method with EDTA	200	24
9	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) -2024- EDTA Titrimetric Method	75	—
10	Magnesium (as Mg)	(mg/litre)	IS 3025 (part 46) -2023 - Volumetric Method with EDTA	30	—
11	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) -2025- Argentometric Method	250	13.70

BDL: Below Detection Limit

Reviewed & Authorised By

Saneera K

TECHNICAL MANAGER

* End Of Report*

KWA/QC/SDL/IRK/R/17

Issue No: 02

Issue Date : 02.04.2022

Technical Manager
 Quality Control Sub District Lab, Irikkur
 Kerala Water Authority
 Rev No: 02
 Kannur District - 670593



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Report No-KWA/QA/R/5/1690/1/58/203				Date : 15.05.2026	
Principal Islahi English Medium School Irikkur (Non-Domestic Purposes)		1. Date of receipt		To : 14.05.2026	
		2. Sample provided by		Customer (QUA_337944)	
		3. Sample Code		: 5(979)	
		4. Sample		Drinking Water	
		5. Source of Sample		Open Well	
		6. Sample quantity		: 1 lit	
		7. Test performing dates		To : 15.05.2026	
		From : 14.05.2026			
Sl No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Electrical Conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14) -2013 (Reaffirmed 2023)		94.87
2	Acidity	(mg/litre)	IS 3025 (part 22) - 2024 - Indicator Method		—
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (part 24/ sec 1): 2022- Turbidity Method	200	—
4	Fluoride (as F)	(mg/litre)	APHA24th Edition 4500 F-D	1	—
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) -2024 - 1,10 Phenanthrolin Method	1	0.04
6	Nitrate (as NO ₃)	(mg/litre)	APHA24th Edition 4500 NO3-B	45	BDL
7	Residual Free Chlorine	(mg/litre)	IS 3025 (part 26) -2021	0.2	—

Remarks:

The results stated above related only to the sample(s) submitted for testing. This test certificate shall not be reproduced except in full without the written approval of the laboratory

BDL: Below Detection Limit

Reviewed & Authorised By

Saneera K

TECHNICAL MANAGER

Technical Manager
Quality Control Sub District Lab, Irikkur
Kerala Water Authority Peruvalathuparamba
Kannur District - 670593

* End Of Report*

KWA/QC/SDL/IRK/R/17

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QUALITY CONTROL SUB DISTRICT LABORATORY IRIKKUR
WTP JICA, PERUVALATHUPARAMBA-670593
TEST REPORT

Tele phone No : 0460 2258380
email : kwaqualitysdlikrur@gmail.com

Report No - KWA/QA/R/5/1690/5(979)

Date : 15.05.2026

Customer Name and Address		1. Date of receipt		To : 14.05.2026	
Principal Islahi English Medium School Irikkur (Non-Domestic Purposes)		2. Sample provided by		Customer (QUA_337944)	
		3. Sample Code		: 5(979)	
		4. Sample		Drinking Water	
		5. Source of Sample		Open Well	
		6. Sample quantity		: 100ml	
		7. Test performing dates			
		From: 14.05.2026		To : 15.05.2026	
	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500- 2012	Result
1	Total Coliforms	CFU /100 ml	IS 15185:2016 (Reaffirmed 2021)	Nil	Nil
2	E.coli	CFU /100 ml	IS 15185:2016 (Reaffirmed 2021)	Nil	Nil

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Reviewed & Authorised By

Bacteriologist

BACTERIOLOGIST
Quality Control Sub District Lab, Irikkur
Kerala Water Authority
Peruvalathuparamba, Kannur-670593

* End Of Report*

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