



ഭരണഭാഷ മാതൃഭാഷ
ജില്ല ഭക്ഷ്യ പരിശോധന ലബോറട്ടറി
ഭക്ഷ്യ സുരക്ഷാ വകുപ്പ്, കേരള സർക്കാർ
വെട്ടിപ്പുറം, പത്തനംതിട്ട - 689645 DGIPIN: MCT PM6264J
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TEST REPORT

Sample Ref No:		2042 B&C		Report No:		WA- 2026/866	
Issued to:		Principal, Mary Matha Public School, Azhoor, PTA		Report date:		06.08.2026	
				Received on:		30.07.2026	
Sample Description:		Water		Analysis started on:		30.07.2026	
Sample drawn by/date:		Customer/29.07.2026		Analysis completed on:		06.08.2026	
Sample type:		Private		Sample source:		Well	
Customer's reference:		NA		Purpose:		Non-Domestic	
Sl No.	Test parameters	Units	Results	As per IS 10500:2012		Test method FSSAI Manual of methods of analysis of foods, Water-2016	
				Requirement (Acceptable limit)	Permissible limit in the absence of alternate source		
Organoleptic and Physical parameters							
1	Appearance	-	Clear	Clear	Clear	-	
2	Colour	-	Colourless	Colourless	Colourless	-	
3	Odour	-	Agreeable	Agreeable	Agreeable	P-15	
4	Turbidity	NTU	0.01	1	5	P-26	
5	Electrical conductivity	µS	184.7	-	-	-	
6	pH		6.73	6.5-8.5	6.5-8.5	P-17	
7	Total Dissolved Solids	mg/l	92.2	Max. 500	Max. 2000	P-29	
General Chemical parameters							
8	Total Hardness (as CaCO ₃)	mg/l	24.69	Max. 200	Max.600	P-99	
9	Calcium (as Ca)	mg/l	6.59	Max. 75	Max.200	P-144	
10	Magnesium (as Mg)	mg/l	2	Max. 30	Max.100	P-85	
11	Iron (as Fe)	mg/l	0.1	Max.1.0	Max.1.0	-	
12	Total Alkalinity (as CaCO ₃)	mg/l	44	Max. 200	Max.600	P-104	
13	Chloride (as Cl)	mg/l	11.87	Max.250	Max.1000	P-76	
14	Sulphate (as SO ₄)	mg/l	Nil	Max.200	Max.400	P-107	
15	Nitrate (as NO ₃)	mg/l	Nil	Max.45	Max.45	P-68	
16	Ammonia (as Total ammonia-N)	mg/l	Nil	Max.0.5	Max.0.5	P-39	
Bacteriological Parameters							
Sl No.	Test parameters	Units	Results	Requirement		Test method	
1	Coliforms	MPN/100 ml	<2	Less than 2 MPN/100 ml		IS1622:R 2019	
2	E.Coli	per 100 ml	Absent	Absent/100 ml		IS1622:R 2019	

Opinion:- കെമിക്കൽ & ബാക്ടീരിയോളജിക്കൽ പരിശോധന ഫലം തൃപ്തികരം

Pathanamthitta
06.08.2026

Note:

- 1) This test report relates to the listed parameters only.
- 2) The test report related only to the tested item as received.
- 3) The report shall not be reproduced except in full or part without approval of the laboratory.
- 4) Unless informed by customer the test items will not be retained for more than 10 days from the date of issue of report.

*****end of report*****

Government Analyst

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