



ജില്ലാ ഫുഡ് ടെസ്റ്റിംഗ് ലബോറട്ടറി

പോലീസ് സ്റ്റേഷൻ എതിർവശം, അഴുർ റോഡ്, പത്തനംതിട്ട -695 645

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### Test Report

Test Report No. WA(P)1056/2024 (Non-Domestic)

Description of sample: Borewell

Sample details: The sample received in plastic can & sterile bottle

Address: The Principal, Amrutha Vidyalayam, Kurampala, Pandalam P O

Date of Receipt of sample: 12/11/2024

Date of analysis: Started on 12/11/2024 and completed on 15/11/2024

Sampling done by : Health Inspector

Quantity of sample: 2 Litre

Sl no (1)	Test parameters (2)	Test method (3)	Result (4)	Acceptable limit as per IS no. 10500:2012 with amendment nos 1,2,3 & 4 (5)
<b>Chemical parameters (Discipline –Chemical)</b>				
01.	Odour	FSSAI Manual of methods of analysis of foods, water- 2016	Agreeable	Agreeable
02.	pH		7.11	6.5-8.5
03.	Electrical conductivity		332.0 mho	
04.	Total Dissolved Solids (T.D.S.)		116.0 mg/l	Maximum 500.0 mg/l
05.	Turbidity, NTU		1.71 NTU	Maximum 5.0 NTU
06.	Total hardness (as CaCO <sub>3</sub> )		112.0 mg/l	Maximum 200.0 mg/l
07.	Iron (as Fe)		0.1 mg/l	Maximum 1.0 mg/l
08.	Total Alkalinity (as CaCO <sub>3</sub> )		120.0 mg/l	Not more than 200.0 mg/l
09.	Chloride (as Cl)		36.0 mg/l	Maximum 250.0 mg/l
10.	Sulphate (as SO <sub>4</sub> )		Nil	Maximum 200.0 mg/l
11.	Nitrate( as NO <sub>3</sub> )		Nil	Maximum 45.0 mg/l
12.	Ammonia (as Total ammonia-N)		Nil	Maximum 0.5 mg/l
<b>Bacteriological Parameters (Discipline-Biological)</b>				
01	Bacteriological analysis	IS 1622- 1981,RA-2019	Less than 2 mpn/100 ml	Less than 2 mpn/100 ml

Opinion: Chemical and Bacteriological analysis satisfactory.

Pathanamthitta

15.11.2024

Note: 1.The test report relates to the tested 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



*[Handwritten Signature]*

RESEARCH OFFICER

റിസർച്ച് ഓഫീസർ

ജില്ലാ ഭക്ഷ്യപരിശോധനാ ലബോറട്ടറി

പത്തനംതിട്ട