



ഭരണഭാഷ-മലയാളം

ജില്ലാ ഫുഡ് സെക്സിംഗ് ലബോറട്ടറി

ഭക്ഷ്യ സുരക്ഷാ വകുപ്പ്, തൃശ്ശൂർ സർക്കാർ

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Test Report

Sample Ref No.1979B, 1980C				Report No: WA (P) 450/2025		
Issued to : The Principal, Newman Central School & Junior College, Mangadu				Report date :26.05.2025		
Sampled Description		Water		Received on		21.05.2025
Sample drawn by/ Date		Customer/21.05.2025		Analysis started on		21.05.2025
Customer's reference				Analysis completed on		26.05.2025
Sample source		Well Water		Source location		
Sl no (1)	Test parameters (2)	Units (3)	Results (4)	As per IS 10500:2012 including Amd nos 1,2,3 & 4 (5)		Test method (6) 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						
01.	Appearance	-	Clear	Clear	Clear	-
02.	Colour	-	Colourless	Colourless	Colourless	-
03.	Odour	-	Agreeable	Agreeable	Agreeable	P-15
04.	Turbidity	NTU	0.01	1	5	P-26
05.	Electrical conductivity	μ S	39.1	-	-	-
06.	pH		6.77	6.5-8.5	6.5-8.5	P-17
07.	Total Dissolved Solids	mg/l	19.5	500	2000	P-29
General Chemical parameters						
08.	Total hardness (as CaCO_3)	mg/l	14.0	200	600	P-99
09.	Iron (as Fe)	mg/l	0.01	1.0	1.0	-
10.	Total Alkalinity (as CaCO_3)	mg/l	32.0	200	600	P-104
11.	Chloride (as Cl)	mg/l	20.0	250	1000	P-76
12.	Sulphate (as SO_4)	mg/l	Nil	200	400	P-107
13.	Nitrate(as NO_3)	mg/l	Nil	45	45	P-68
14.	Ammonia (as Total ammonia-N)	mg/l	Nil	0.5	0.5	P-39
Bacteriological Parameters						
15.	Bacteriological analysis	Result		Requirement		IS 1622 - 1981 Reaffirmed 2019
		Less than 2 mpn/100 ml		Less than 2 mpn/100 ml		
Opinion: Chemical and Bacteriological analysis satisfactory.						

Pathanamthitta
26.05.2025

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

4. Unless informed by customer the test items will



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

Themla
RESEARCH OFFICER

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പത്തനംതിട്ട