



**DISTRICT FOOD TESTING LABORATORY, PATHANAMTHITTA  
MARKET ROAD, OPPO; POLICE STATION, PATHANAMTHITTA  
REPORT ON ANALYSIS OF WATER**

To,

Principal  
Stella Maris English Medium  
School  
Thiruvalla

Report Number: **WA(P)124/2024 (Non- Domestic)**

Source of sample: well water

Date of receipt: 22-02-2024

Date of analysis: 22-02-2024 to 24-02-2024

**Analytical results**

Sl no (1)	Quantity characteristics (2)	Name of method of test used (3)	Result (4)	Acceptable limit as per IS no. 10500:2012 (5)
01.	Odour	FSSAI Manual of Methods of Analysis of Foods, Water,2016	Agreeable	Agreeable
02.	Taste		Agreeable	Agreeable
03.	Colour and appearance		Agreeable	Agreeable
04.	pH		6.9	6.5-8.5
05.	Electrical Conductivity		22.7 mho	-
06.	Total Dissolved Solids (T.D.S.)		11.3 mg/l	Not more than 500.0 mg/l
07.	Turbidity ,NTU		3.12 NTU	Not more than 5.0 NTU
08.	Total hardness (as CaCO <sub>3</sub> )		16.0 mg/l	Not more than 200.0 mg/l
09.	Total Alkalinity (as CaCO <sub>3</sub> )		16.0 mg/l	Not more than 200.0 mg/l
10.	Iron (as Fe)		0.1 mg/l	Not more than 1.0 mg/l
11.	Chloride (as Cl)		22.0 mg/l	Not more than 250.0 mg/l
12.	Sulphate (as SO <sub>4</sub> )		Nil	Not more than 200.0 mg/l
13.	Nitrate( as NO <sub>3</sub> )		Nil	Not more than 45.0 mg/l
14.	Ammonia (as Total ammonia-N)		Nil	Not more than 0.5 mg/l
15.	Bacteriological analysis		27 mpn/100 ml	< 2 mpn/100 ml

Remark : 4000 ലിറ്റർ വെള്ളത്തിന് 10 ഗ്രാം സ്ലീഷിംഗ് പൗഡർ കലർത്തുക.

Pathanamthitta

24.02.2024



*Jemlat*

**RESEARCH OFFICER**

റിസർച്ച് ഓഫീസർ  
ഇല്ലാ ഭക്ഷ്യപരിശോധനാ ലബോറട്ടറി  
പത്തനംതിട്ട

- 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