



GOVERNMENT OF KERALA

2634
20/10/23
फाइल / File No.....
हस्ताक्षर / Signature.....

Government Analyst's Laboratory
Commissionerate of Food Safety
Department of Health and Family Welfare
Thiruvananthapuram, Dated: 31.10.23
Ph: - 0471 2472 192.

No. 19666/2023-24


CERTIFICATE OF EXAMINATION

Description of Sample : **KWA Water**
Sample details : The sample received in plastic bottle and sterile bottle.
Source : **R. Giri Sankaran Thampi, Principal, Kendriya Vidyalaya, Pattom, Tvpm - 695 004.**
Date of Receipt : 07.10.23
Sample quantity : 2 L + 125 ml
Date of Analysis : Started on 16.10.23 and completed on 31.10.23.
Physical Appearance : Clear colourless odourless liquid.

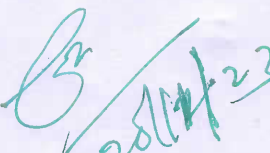
Analytical results:

Sl. No. (1)	Quantity Characteristics (2)	Name of method of test used (3)	Result (4)	Acceptable limit as per IS No. 10500:2012 (5)
1.	p ^H	IS 3025	6.76	6.5 to 8.5
2.	Total Dissolved Solids	IS 3025	34.26 mg/l	500.0 mg/l
3.	Total Hardness	IS 3025	16.0 mg/l	200.0 mg/l
4.	Alkalinity	IS 3025	8.44 mg/l	200.0 mg/l
5.	Iron	AOAC	0.1 mg/l	1.0 mg/l
6.	Chloride	IS 3025	19.15 mg/l	250.0 mg/l
7.	Sulphates	APHA	10.0 mg/l	200.0 mg/l
8.	Residual Free Chlorine	IS 3025	Nil	0.5 mg/l
9.	Nitrate	Lab Validated Method	Nil	45.0 mg/l
10.	Ammonia	IS 3025	Nil	0.5 mg/l
11.	Turbidity	IS 3025	0.50 NTU	5.0 NTU
12.	Coliforms	IS : 1622 : 1981	<2 MPN/100ml	< 2 MPN/100 ml
13.	E. Coli	IS : 1622 : 1981	Absent/100 ml	Absent/100 ml

Opinion: Satisfactory.


Food Analyst

Note: 1. The test report relates to the tested parameters only.
2. The result related only to the tested item (as received)


20/10/23

