

Government of West Bengal
Public Health Engineering Directorate
Kalyani State Referral Laboratory, Haringhata W.T.P. Kalyani, Nadia.
Water Quality Test Report

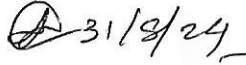
Sample received: 30.08.2024 Date of testing: 30.08.2024
Sample Collected by: Customer

GARDEN HIGH SCHOOL IISER KOLKATA CAMPUS,
Gate No.-7, P.O- Mohanpur, Nadia, W.B

Sl.No.	Name of Source	TC	<i>E.coli</i>
1	Kent R.O. Water Purifier (Drinking Water)	NF	NF
IS:10500:2 nd revision (2012)	Requirement acceptable limits	<2 per 100ml	Nil
	In absence of alternative source Permissible limits	<2 per 100ml	Nil

(NF = Not Found)


31/08/2024
Microbiologist
Kalyani State Referral Lab.
P.H.Engineering Dte.


31/8/24
Assistant Engineer - I
Nadia Arsenic Division - I
P.H.Engineering Dte.



KALYANI STATE REFERRAL LABORATORY

Haringhata Water Treatment Plant, Near
Buddha Park, Public Health Engineering
Dte.

Test Report

Issued To :
GARDEN HIGH SCHOOL HSER KOLKATA CAMPUS
GATE NO-7,P.O.-MOHANPUR
NADIA ,W.B.
SAMPLE SOURCE:KENT RO WATER PURIFIER (DRINKING WATER)

ULR No. : TC1239024000001141F
Test Report No: KSRL/SEP/24/01
DATE: 07.09.2024
Ref Memo No : NIL

Sample Particulars:
Sample Description: 500 ml preserved with HCL,500 ml without preservative
Sample Code: NDWTL/09/24/01
Date of Receive of Sample: 05.09.2024
Date of Starting Analysis: 05.09.2024
Sample Collected by : Customer

Location of laboratory activities - Chemical lab

Type of Sample : Drinking Water
Date of Completion: 07.09.2024
Sample Tested as Received

Sl. No	Test Parameters	Unit	Test Methods	Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source	Results
				AS PER IS:-10500-2012		
1	pH		IS 3025 (Part 11): 2022 Electrometric method	6.5-8.5	No relaxation	7.71
2	Turbidity	NTU	IS 3025 (Pt 10): 2023 Nephelometric Method	1	5	2.58
3	Total dissolved solid	mg/l	IS 3025 (Part 16): 2023 Gravimetric Method	500	2000	85
4	Chloride	mg/l	IS 3025 (Part 32): 1988 RA 2019 Argentometric Method	250	1000	28.58
5	Total Hardness	mg/l	IS 3025 (Part 21): 2009, RA 2019 EDTA Titrimetric Method	200	600	290.32
6	Total Alkalinity	mg/l	IS 3025 (Part 23): 1986 RA 2019 Indicator Method	200	600	340
7	Total Iron	mg/l	3111 B,APHA,24th Edition 2023 Air acetylene flame method	0.3	No relaxation	<0.10
8	Total Arsenic	mg/l	3114 C,APHA,24th Edition 2023 Continuous hydride generator method	0.01	No relaxation	<0.010
9	Total Manganese	mg/l	3111 B,APHA,24th Edition 2023 Air acetylene flame method	0.1	0.3	<0.05
10	Calcium(as Ca)	mg/l	IS 3025 (Part-40) 1991 RA 2019	75	200	51.6
11	Magnesium (as Mg)	mg/l	APHA 24th Edition-3500 Mg Method (By Calculation):2023	30	100	33.71
12	Colour	HU	IS 3025 (Part-4) : 2021	5	15	<5
13	Odour		IS 3025(Part 5):2018	Agreeable	Agreeable	Agreeable
14	Taste		IS 3025(Part 8):2023	Agreeable	Agreeable	Agreeable

Reviewed By

09/09/2024
Goutam Dam (Chemist)
Mr. Goutam Dam
Chemist
Authorized Signatory

Issued By :

09-09-24
Dr. J. Jana
Authorized Signatory
Dr. Joydev Jana
Senior Chemist
Authorized Signatory

- The result relates only to the item(s) tested.
- The test report can not be reproduced except in full, without the permission of Executive Engineer,Nadia Arsenic Div.-I or Quality Manager.
- Sample not drawn by us.
- Results apply to the sample as received.
- Sample has been provided by the customer, the results apply to the sample as received.
- Specific condition of Testing : Temperature of Water for pH measurement is 20° C.
- Customer can ask for re-testing of sample within 15 days after receiving the Test Report.

**** End of Report ****