



Kanan Devan Hills Plantations Co. (P) Limited

Research & Development Department

(Recognized by DSIR, Reg. No: TU/IV-RD/2558)



TC-6860

Ref: R&D/WA/800

Date: 17.08.2023

ULR – TC686022000001122F

The Principal,
The High Range School,
Mattupatti.

Name of the Sample : Drinking Water
Sample Received from : The High Range School
Sample Code No. : CA/23-24/08/8041-8042
Appearance & condition of sample : Received in plastic can
Condition of sample (s) : Good
Sampling done by : Not sampled by R&D Dept.
Sampling date : -
Sampling Procedure Ref. : -
Environmental conditions during sampling : -
Quantity received : 2 liters x 2
Date of receipt : 10.08.2023
Period of analysis : 10.08.2023 to 17.08.2023

TEST REPORT

1. CHEMICAL TESTING 1. WATER

Parameters	Unit	Sample code	8041	8042	Specifications	
		Test method	Results		IS: 10500:2012	Rainforest Alliance ver.1.2:2017
		Sample Mark	Filter Water Tap 1	Filter Water Tap 2		
Alkalinity (P & M) as CaCO ₃	mg/L	IS 3025 (Part 23)	14	12	200.00 Max	-
Ammoniacal Nitrogen	mg/L	IS 3025 (Part 34)	<0.5	<0.5	0.50 Max	-
Calcium as Ca	mg/L	IS 3025 (Part 40)	2.40	1.60	75.00 Max	-
Chloride as Cl	mg/L	IS 3025 (Part 32)	5.3	6.3	250.00 Max	-
Electrical Conductivity	mS/cm	IS 3025 (Part 14)	0.026	0.023	-	-
Fluoride as F	mg/L	IS 3025 (Part 60)	<0.1	<0.1	1.00 Max	-
Iron as Fe	mg/L	IS 3025 (Part 53)	<0.1	<0.1	0.3 Max	-
Magnesium as Mg	mg/L	IS 3025 (Part 46)	<1.0	<1.0	30.00 Max	-
Nitrate as NO ₃	mg/L	IS 3025 (Part 34)	<0.5	<0.5	45.00 Max	10 Max
Nitrite as NO ₂	mg/L	IS 3025 (Part 34)	<0.01	<0.01	-	-
pH @ 25°C	-	IS 3025 (Part 11)	7.74	7.86	6.5-8.5	
Residual free chlorine	mg/L	IS 3025 (Part 26)	<0.1	<0.1	0.20 Min (if chlorinated)	0.5 Max
Sodium as Na	mg/L	IS 3025 (Part 45)	3.2	6.9	-	20 Max
Sulphate	mg/L	IS 3025 (Part 24)	1.057	<1.0	200.00 Max	250 Max
Total dissolved solids	mg/L	IS 3025 (Part 16)	13	10	500.00 Max	-
Total hardness as CaCO ₃	mg/L	IS 3025 (Part 21)	5	4.5	200.00 Max	-
Total Suspended Solids	mg/L	IS 3025 (Part 17)	16	<2.0	-	-
Turbidity	NTU	IS 3025 (Part 10)	8.4	1.3	1.00 Max	≤ 5
Phosphorous	mg/L	IS 3025 (Part 31)	0.13	<0.1	-	-

Remark:

End of the report

Note:

1. The test results relate only to the sample submitted for analysis
2. The report shall not be reproduced without prior permission of authorised signatory
3. Samples will be retained for 10 days after despatch of the result

AUTHORISED SIGNATORY

Dr. SIBY MATHEW
Head - Laboratory

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Tel: +91 04868 255 000/999 Extn. 5442 Email: research.munnar@kdhptea.co.in

Registered Office: KDHP House, Munnar, Kerala-685612

Tel: +91 04868 255 000/999 Fax: +91 04868 255 555

Corporate Identity Number: U01132KL2005PTC018014

Website: www.kdhptea.com Email: info@kdhptea.co.in





Kanan Devan Hills Plantations Company Private Limited
Research & Development Department
(Recognized by DSIR, Reg. No: TU/IV-RD/2558)

Ref: R&D/WA/800(S)

Date: 17.08.2023

The Principal,
The High Range School,
Madupatty.

TEST REPORT

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1. CHEMICAL TESTING

1. WATER

Parameters	Unit	Sample code	8041	8042	Specifications	
		Test method	Results		IS: 10500:2012	Rainforest Alliance ver.1.2:2017
		Sample Mark	Filter Water Tap 1	Filter Water Tap 2		
Colour	Hazen	IS 3025 (Part 4)	< 1.0	< 1.0	Max 5	-

Remark:


AUTHORISED SIGNATORY

End of the report

DR. SIBY MATHEW
Head - Laboratory

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