



## TEST REPORT

Accredited by NABL ( Chemical & Biological )

Report No :	ECI-FD-2026/03/073	Report Date :	05.03.2026
Customer Name & Address	M/s. Forest Brews Tea Company, 3/104, Kaircombanki, Kotagiri, The Nilgiris -643217		
Customer Reference :	IWO Date: 02/03/2026	Sample Reference No :	ECI-FD-2026/03/073
Sample Drawn By :	ECI	Sample Received On :	03.03.2026
Sample Collected Date :	02.03.2026	Test Commenced On :	03.03.2026
Qty of Sample Received :	500 g	Test Completed On :	05.03.2026
Sample Mark:	Tea Sample		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Specification for As per FSS Regulation 2011
1.	Rodent hair and excreta	P/A	Absent	FSSAI Manual	Absent
2.	Added colouring matter	P/A	Absent	FSSAI Manual	Absent
3.	Determination of loss in mass at 100°C	%	8.5	FSSAI Manual	NA
4.	Total ash (on dry basis)	%	5.2	FSSAI Manual	4 – 8
5.	Water soluble ash	%	51.2	FSSAI Manual	Not less Than 45
6.	Acid insoluble ash (on dry basis)	%	0.3	FSSAI Manual	Not More Than 1.0
7.	Alkalinity of water-soluble ash as KOH (on dry basis)	%	1.7	FSSAI Manual	1.0 – 3.0
8.	Water extract (on dry basis)	%	36.2	FSSAI Manual	Not less Than 32
9.	Crude fibre (on dry basis)	%	14.2	FSSAI Manual	Not More Than 16.5
10.	Iron filing	mg/Kg	41.2	FSSAI Manual	Not More Than 125
<b>Heavy Metals and Pesticide Residues :</b>					
11.	Copper as Cu	mg/Kg	<0.1	FSSAI Manual	Not More Than 150
12.	Lead as Pb	mg/Kg	<0.1	FSSAI Manual	Not More Than 5.0
13.	Mercury as Hg	mg/Kg	<0.1	FSSAI Manual	Not More Than 1.0
14.	Tin as Sn	mg/Kg	<0.1	FSSAI Manual	Not More Than 250

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15.	Arsenic as As	mg/Kg	<0.1	FSSAI Manual	Not More Than 1.1
16.	Cadmium as Cd	mg/Kg	<0.1	FSSAI Manual	Not More Than 1.5
17.	2,4 D	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.05
18.	Bifenthrin	mg/Kg	<0.0025	FSSAI Manual	Not More Than 30
19.	Bitertanol	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.05
20.	Carbendazim	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.5
21.	Carfentrazone Ethyl	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.02
22.	Chlorpyrifos	mg/Kg	<0.0025	FSSAI Manual	Not More Than 2
23.	Chlothianidin	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.7
24.	Lambda cyhalothrin	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.05
25.	Cyflumetofen	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.05
26.	Deltamethrin	mg/Kg	<0.0025	FSSAI Manual	Not More Than 5.0
27.	Dicofol	mg/Kg	<0.0025	FSSAI Manual	Not More Than 40.0
28.	Emamectin benzoate	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.06
29.	Ethion	mg/Kg	<0.0025	FSSAI Manual	Not More Than 5.0
30.	Etoxazole	mg/Kg	<0.0025	FSSAI Manual	Not More Than 15
31.	Fenazaquin	mg/Kg	<0.0025	FSSAI Manual	Not More Than 3
32.	Fenpropathrin	mg/Kg	<0.0025	FSSAI Manual	Not More Than 2
33.	Fenpyroximate	mg/Kg	<0.0025	FSSAI Manual	Not More Than 6
34.	Flubendiamide	mg/Kg	0.28	FSSAI Manual	Not More Than 50
35.	Fluvalinate	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.01
36.	Glufosinate Ammonium	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.01
37.	Glyphosate	mg/Kg	<0.0025	FSSAI Manual	Not More Than 1
38.	Hexaconazole	mg/Kg	<0.0025	FSSAI Manual	Not More Than 5

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39.	Hexythiazox	mg/Kg	<0.0025	FSSAI Manual	Not More Than 15
40.	Oxyfluorfen	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.2
41.	Paraquat Dichloride	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.2
42.	Propargite	mg/Kg	<0.0025	FSSAI Manual	Not More Than 10
43.	Propiconazole	mg/Kg	<0.0025	FSSAI Manual	Not More Than 6
44.	Quinalphos	mg/Kg	<0.0025	FSSAI Manual	Not More Than 0.7
45.	Spiromesifen	mg/Kg	0.46	FSSAI Manual	Not More Than 70
46.	Thiacloprid	mg/Kg	<0.0025	FSSAI Manual	Not More Than 5
47.	Thiamethoxam	mg/Kg	0.21	FSSAI Manual	Not More Than 20

**Opinion :**

The above parameters meet the requirements of FSSAI Standard.

Verified By :



For ENVIRO CARE INDIA PRIVATE LIMITED  
(Laboratory Division)

Authorized Signatory

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## TEST REPORT

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Report No :	ECI-WA-2026/03/218	Report Date :	05.03.2026
Customer Name & Address	M/s. Forest Brews Tea Company, 3/104, Kaircombai, Kotagiri, The Nilgiris -643217		
Customer Reference :	IWO Date:01/03/2026	Sample Reference No :	ECI-WA-2026/03/218
Sample Drawn By :	ECI	Sample Received On :	02.03.2026
Sample Collected Date :	01.03.2026	Test Commenced On :	02.03.2026
Qty of Sample Received :	2L	Test Completed On :	05.03.2026
Sample Description :	Water	Sampling Method :	ECI/QAD/SOP/001
Sample Mark:	Drinking Water		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Acceptance Limits of IS:10500:2012
<b>Chemical Parameters:</b>					
1.	Calcium(as Ca)	mg/L	7.2	IS 3025:Part 40	75
2.	Chlorides(as Cl)	mg/L	28	IS 3025:Part 32	250
3.	Color	Hazen	< 1.0	IS 3025:Part 04	5.0
4.	Iron (as Fe)	mg/L	BDL (DL= 0.01)	IS 3025 Part 53	0.3
5.	Magnesium (as Mg)	mg/L	2.3	IS 3025 Part 46	30
6.	Odor	--	Agreeable	IS 3025:Part 05	Agreeable
7.	pH Value @ 25°C	--	6.8	IS 3025:Part 11	6.5 - 8.5
8.	Residual Free Chlorine (RFC)	mg/L	< 0.1	IS 3025 Part 26	0.2
9.	Sodium(as Na)	mg/L	4.5	IS 3025 :Part 45	NA
10.	Sulphates (as SO <sub>4</sub> <sup>2-</sup> )	mg/L	13	IS 3025 Part 24	200
11.	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	18	IS 3025 Part 23	200
12.	Total Dissolved Solids(TDS) @ 180°C	mg/L	77	IS 3025:Part 16	500
13.	Total Hardness(as CaCO <sub>3</sub> )	mg/L	21	IS 3025 Part 21	200
14.	Turbidity	NTU	< 0.5	IS 3025:Part 10	1.0
<b>Microbiological Parameters:</b>					
15.	Escherichia coli(MPN)	MPN/100ml	< 2.0	IS: 1622	Absent
16.	Total coliform(MPN)	MPN/100ml	< 2.0	IS:1622	Absent

**Opinion :** As Per IS 1622 MPN Table (Table-4) <2 Can be taken as absent. The above sample meets the requirements of drinking water quality (as per IS: 10500) with respect to the parameters tested. NA – Not Applicable, BDL –Below Detectable Limit, DL – Detectable Limit  
<--- End of Report --->

Verified By : 		<b>For ENVIRO CARE INDIA PRIVATE LIMITED</b> (Laboratory Division)
		 <b>Authorized Signatory</b>

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