



2023 International Young Scientist Forum for Climate Change

BAMBOO BEVERAGES Traditional vs. New Age

Traditional

Bamboo leaves also contain active ingredients with medicinal benefits. These ingredients may help prevent: Infectious diseases, Inflammatory diseases, Cardiovascular diseases, Metabolic diseases, Neurological and neuropsychiatric diseases.



New Age

Bamboo leaves are also used to make tea. Bamboo leaf tea is nutritious and contains: Silica, Other antioxidants, Calcium, Collagen.

Bamboo leaf tea can:

- Boost bone health
- Promote hair and nail growth
- Reduce aluminum levels in the body
- Delay signs of aging
- Aid digestion
- Alleviate diarrhea and bloating
- Fight hair loss

Skills to Entrepreneurship: Bamboo leaf tea

Skills to Entrepreneurship : Bamboo leaf tea from Tripura



<https://www.youtube.com/watch?v=aMsi3RMZfBc&t=112s>

Mr. Samir Jamatia
Bamboo Technologist
and Entrepreneur

www.nationalskillsnetwork.in



Ms. Uma Pujari - Canada



Lab Test

Vardan EnviroLab					
Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051, Haryana					
ISO 9001 ISO 14001 ISO 45001					
Test Report					
Name & Address of the Party		Party Reference No.		Report No.	
: Mr. Samir Jamatia (Bamboo Technologist) Bajala, Agartala, Sadar, West Tripura-799022		: VEL/Food/ST/290721R3		: VELFA210807001	
Name of the Sample		Reporting Date		Period of Analysis	
: Bamboo Leaf Tea		: 18/08/2021		: 07/08/2021 - 17/08/2021	
Brand Name		Sample Quantity		Sample Packaging	
: NA		: 500g		: Polypack	
Sample Description		Mfg./Lot No.		Expiry Date/Best Before	
: Light green color dried bamboo leaves		: NA		: NA	
Mfg./Prod. Date		Sample Receipt Mode			
: NA		: Courier			
Expiry Date/Best Before					
: NA					
Sample Receipt Mode					
: Courier					
S.No.	Parameter	Test Method	Result	Unit	Specification
Chemical Analysis:					
1	Protein	FSSAI Manual-3, 2020	12.52	%	-
2	Water Extract	IS 1362:1999	9.62	%	-
3	Crude Fiber	FSSAI Manual-4, 2020	23.24	%	-
4	Silica	VELSTPFC-26, 2020	19.79	%	-
5	Potassium	VELSTPFC-26, 2020	652.47	mg/100g	-
6	Calcium	VELSTPFC-26, 2020	370.61	mg/100g	-
7	Sodium	VELSTPFC-26, 2020	68.25	mg/100g	-
8	Vitamin-C	VELSTPFC-26, 2020	108.27	mg/kg	-
9	Vitamin-B2	VELSTPFC-26, 2020	8.25	mg/kg	-
10	Vitamin-E	VELSTPFC-26, 2020	134.49	mg/kg	-
11	Folic Acid (B9)	VELSTPFC-26, 2020		mg/kg	-
Amino Acid Profile:					
12	Leucine	VELSTPFC-26, 2020	7.27	g/100g	-
13	Proline	VELSTPFC-26, 2020	1.43	g/100g	-
14	Tryptophan	VELSTPFC-26, 2020	1.14	g/100g	-
15	Histidine	VELSTPFC-26, 2020	2.39	g/100g	-
Metal:					
16	Zinc (as Zn)	VELSTPFC-26, 2020	25.41	mg/kg	-
17	Copper (as Cu)	VELSTPFC-26, 2020	1.21	mg/kg	-
18	Iron (as Fe)	VELSTPFC-26, 2020	315	mg/kg	-
19	Boron (as B)	VELSTPFC-26, 2020	6.41	mg/kg	-
20	Manganese (as Mn)	VELSTPFC-26, 2020	68.37	mg/kg	-

Presented by
Samir Jamatia,
+919436496101

The Faculty of Forestry at the University of British Columbia (UBC), Zhejiang A&F University (ZAFU), and International Bamboo and Rattan Organization (INBAR), co-organized by International Center for Bamboo and Rattan (ICBR), China - Canada Joint Laboratory for Bamboo & Rattan Science and Technology, Asia Pacific Forestry Education Coordination Mechanism (APFECM), Nanjing Forestry University, Fujian A&F University, Southwest Forestry University, Bamboo Society of India (BSI), and World Bamboo Organization (WBO).