



CERTIFICATE OF ANALYSIS

Product name	Gel-100-Espresso-Cappuccino-Box-Of-6	Product type	Finished product
Batch no	FSP.52.24	Batch size	354 nos
Mfg date	11.Dec.2024	Exp date	11.Dec.2025
Date of batch release	19.Dec.2024	Quantity released	354 nos
Test	Results	Limit	Test method
Physico – Chemical character			
Colour	Confirms	Brown	Visual
Chemical characters			
Total Carbohydrate (g/Serving)	25.50 g	≥25 g	IS 1656-2022
Total Sugar (g/Serving)	11.26 g	≥11 g	FSSAI annual of methods
Magnesium (mg/Serving)	30.38 mg	≥30 mg	AAS
Chloride (mg/Serving)	175.42 mg	≥175 mg	AAS
Sodium (mg/Serving)	80.44 g	≥80 mg	AAS
Potassium (mg/Serving)	80.54 mg	≥80 mg	AAS
Beta-Alanine (mg/Serving)	201.4 mg	≥200 mg	HPLC
Anhydrous Caffeine (mg/Serving)	100.2 mg	≥100 mg	HPLC
Heavy metals			
Lead (mg/kg)	BLQ	Max 10.0	LAB_P_SOP_221
Arsenic (mg/kg)	BLQ	Max 3.0	LAB_P_SOP_221
Cadmium (mg/kg)	BLQ	Max 0.3	LAB_P_SOP_221
Mercury (mg/kg)	BLQ	Max 1.0	LAB_P_SOP_221
Microbial Limit			
Total plate count (cfu/g)	< 10	Not specified	ISO 4833 – 1 : 2013
Yeast & Mould Count(cfu/g)	< 10	Not Specified	ISO 21527 – 2 : 2008
E.Coli (cfu/g)	Absent	Absent	ISO 16649 - 2 : 2001
Coliform Count (cfu/g)	Absent	Absent	ISO 4832 : 2006

BLQ : Below Limit Of Quantification .

Note : < 10 = No microbial growth observed in 1:10 dilution.

Note:- The heavy metals specification derived from section II, voluntary certification Scheme for Ayush Products.



Prepared by

19 Dec. 2024

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Chief Technology Officer

***End of Report.**

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