



CERTIFICATE OF ANALYSIS

Product name	Elite-Gel-180-Cacao-Sea-Salt-Box-Of-6	Product type	Finished product
Batch no	FSP.48.23	Batch size	166 nos
Mfg date	13.06.2025	Exp date	13.06.2026
Date of batch release	20.06.2025	Quantity released	165 nos
Test	Results	Limit	Test method
Physico – Chemical character			
Colour	Confirms	Brown	Visual
Chemical characters			
Total Carbohydrate (g/Serving)	45.35 g	≥45 g	IS 1656-2022
Total Sugar (g/Serving)	25.32 g	≥25 g	FSSAI annual of methods
Magnesium (mg/Serving)	58.26 mg	≥58 mg	AAS
Chloride (mg/Serving)	354.12 mg	≥354 mg	AAS
Sodium (mg/Serving)	228.45 mg	≥228 mg	AAS
Potassium (mg/Serving)	100.45 mg	≥100 mg	AAS
Beta-Alanine (mg/Serving)	401.32 mg	≥400 mg	HPLC
Anhydrous Caffeine (mg/Serving)	50.12 mg	≥50 mg	HPLC
Heavy metals			
Lead (mg/kg)	BLQ	Max 10.0	LAB P SOP 221
Mercury (mg/kg)	BLQ	Max 1.0	LAB P SOP 221
Cadmium (mg/kg)	BLQ	Max 0.3	LAB P SOP 221
Arsenic (mg/kg)	BLQ	Max 3.0	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 (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.


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* End of Report