



CERTIFICATE OF ANALYSIS

Product name	BCAA + Hydration Mix - Black Cherry - 25 Servings	Product type	Finished product
Batch no	FSP.76.1	Batch size	50 nos
Mfg date	04.Dec.2024	Exp date	04.Dec.2025
Date of batch release	10.Dec.2024	Quantity released	49 nos
Test	Result	Limit	Test method
Physico – Chemical character			
Colour	Confirm	White	Visual
Chemical characters			
Total Carbohydrate (g/serving size)	2.4 gm	2 gm	IS 1656-2022
Magnesium (mg/Serving)	187.35 mg	187 mg	AAS
Chloride (mg/serving size)	744.5 mg	744 mg	AAS
Sodium (mg/serving size)	700.2 mg	700 mg	ICP-OES
Potassium (mg/serving size)	263.5 mg	263 mg	AAS
BCAA(gm/Serving)			
L- Leucine	2.6 gm	2.5 gm	HPLC
L- Isoleucine	1.29 gm	1.25 gm	HPLC
L-Valine	1.30 gm	1.25 gm	HPLC
Heavy metals			
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
Lead (mg/kg)	BLQ	Max 10.0	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	Not Specified	ISO 16649 - 2 : 2001
Coliform (cfu/g)	Absent	Not Specified	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



Reviewed By



Verified By

10 Dec. 2024

Chief Technology Officer



***End of Report.**

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