



## CERTIFICATE OF ANALYSIS

Product name	BCAA + Hydration Mix - Black Cherry - 25 Servings	Product type	Finished product
Batch no	FSP.76.8	Batch size	130 nos
Mfg date	27.01.2026	Exp date	27.01.2027
Date of batch release	05.02.2026	Quantity released	129 nos
<b>Test</b>	<b>Result</b>	<b>Limit</b>	<b>Test method</b>
<b>Physico – Chemical character</b>			
Colour	Confirm	White	Visual
<b>Chemical characters</b>			
Total Carbohydrate (g/serving size)	2.30 gm	2 gm	IS 1656-2022
Magnesium (mg/Serving)	187.10 mg	187 mg	AAS
Chloride (mg/serving size)	744.8 mg	744 mg	AAS
Sodium (mg/serving size)	700.28 mg	700 mg	ICP-OES
Potassium (mg/serving size)	263.20 mg	263 mg	AAS
L- Leucine ( gm/Serving)	2.8 gm	2.5 gm	BARC/TP/C-122
L- Isoleucine ( gm/Serving)	1.26 gm	1.25 gm	BARC/TP/C-122
L-Valine( gm/Serving)	1.4 gm	1.25 gm	BARC/TP/C-122
<b>Heavy metals</b>			
Mercury (mg/kg)	BLQ	Max 1.0	BARC/TP/C-065
Cadmium (mg/kg)	BLQ	Max 0.3	BARC/TP/C-065
Arsenic (mg/kg)	BLQ	Max 3.0	BARC/TP/C-065
Lead (mg/kg)	BLQ	Max 10.0	BARC/TP/C-065
<b>Microbial Limit</b>			
Total plate count (cfu/g)	<10	Not Specified	IS 5402 (Part 1) :2021
Yeast & Mould Count(cfu/g)	<10	Not Specified	IS 5403: 1999
E.Coli (cfu/g)	<10	Not Specified	IS-5887:Part 1
Coliform (cfu/g)	<10	Not Specified	IS-5401 (Part 1)

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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