



Certificate of Analysis

INNOBIO[®] Vegan Instantized BCAA Powder (2:1:1) SF

Code: 60102-P

Lot No.: 60102- 18118D1

Date of Manufacture: 04/18/2021

Description: INNOBIO[®] Vegan Instantized BCAA Powder (2:1:1) SF is a mixture of THREE branched-chain amino acids formulated into 2:1:1 ratio of L-leucine: L-isoleucine: L-valine through a patented microencapsulation process, with sunflower lecithin. The individual amino acid is manufactured from fermentation.

Tests		Limits	Methods	Results
Appearance		White to off-white fine powder	Visual	Conforms
L-Leucine Content (%)		46.0-54.0	HPLC	49.1
L-Isoleucine Content (%)		22.0-27.0	HPLC	24.7
L-Valine Content (%)		22.0-27.0	HPLC	25.4
Bulk Density (g/mL)		0.45-0.65	USP 616	0.57
Particle Size (%)				
-through sieve No.40	≥	95.0	USP 786	Conforms
Loss on Drying (%)	≤	1.0	USP 731	0.1
Residue on Ignition (%)	≤	0.40	USP 281	0.12
Heavy Metals (ppm)	≤	10.0	USP 231	Conforms
Arsenic (ppm)	≤	1.0	EN ISO 17294	Conforms
Total Plate Count (CFU/g)	≤	3,000	ISO 4833	Conforms
Yeasts and Molds (CFU/g)	≤	100	ISO 21527	Conforms
Coliform (CFU/g)	≤	10	ISO 4832	Conforms
E. coli		Negative/g	ISO 16649	Conforms
Salmonella		Negative/25g	ISO 6579	Conforms
Staphylococcus aureus		Negative/25g	ISO 6888	Conforms

Packaging: Packaged in 25kg net cardboard drum, packed with double layer polyethylene bag as liner.Storage and Handling: Store in a dry place and keep away from strong odors at room temperature.Shelf Life: Three years in the original package. It is recommended to use the entire content after opening.

Approval:

Tina Guo

Date: 04/26/2021

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