

BCAA (Leucine:Isoleucine:Valine 2:1:1) Instantized

Product SPECIFICATION

Product Name BCAA (Leucine:Isoleucine:Valine 2:1:1) Instantized

Description	White crystals or crystalline powder
L-Leucine Content	46.0%-54.0%
L-Isoleucine Content	22.0-27.0%
L-Valine Content	22.0-27.0%
Particle size	100% though 40 mesh
Lecithin (Sunflower)	0.3%-1.0%
Bulk density	0.2-0.6g/ml
Loss on drying	≤1.0%
Residue on Ignition	≤0.4%
Chloride (Cl)	≤0.05%
Iron(Fe)	≤10ppm
Sulfate (SO4)	≤0.03%
Ammonium	≤200ppm
Heavy Metals	≤10.0ppm
Arsenic\squareAs\square	≤1.0ppm
Lead (Pb)	≤3 ppm
Cadmium (Cd)	≤1.0ppm
Mercury (Hg)	≤0.1ppm
Total Plate Count	≤1000cfu/g
Yeast and Molds	≤100cfu/g
Escherichia Coli	Negative
Salmonella	Negative
Staphylococcus Aureus	Negative

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GENERAL PRODUCT INFORMATION

Mesh of the product	40-60
Taped density	about 0.6-0.75g/ml
Bulk density	about 0.2-0.6g/ml
Water solubility	Very soluble in cold water. 0.453 g/L at 25 DEG C
Origin (Synthetic, Fermentation)	Fermentation
Origin (Animal, Vegetal, etc.)	Corn
Is the product and their ingredients FREE of GLUTEN?	Yes
Product is suitable for Vegans	Yes
Product is suitable for Vegetarians	Yes
Product is free of fructose	Yes
Is this product suitable for food?	Yes
Can be the product used in baby food (According to Directive 2006/141/CE)?	Yes
Pharmacopoeias that product meets	USP FCC
Country of the raw material/s	China
Storage conditions (In the warehouse)	Dry and cold place
Storage conditions (During the transport-Short term)	Under 25 °C



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TECHNICAL PRODUCT INFORMATION

IUPAC name	BCAA instant
Molecular Formula	C 5 H 11 NO 2
Frequency of analysis of each contaminant?	Every batch
Frequency of analysis of microbiology?	Heavy metals: Every batch, Microbiology: Every 2 months
Frequency of analysis of each heavy metals?	Heavy metals: Every batch, Microbiology: Every 2 months