

SPECIFICATIONSHEET

PRODUCT NAME: INSTANT BCAA
 BATCH NO: 211SBCMY/YY/MM/DD***
 QUALITY: IN-HOUSE STANDARD
 QUANTITY:

PRODUCTION DATE:
 REPORT DATE:
 RETEST DATE:
 PATENT NO:201310693215.1



Description: Instant BCAA powder is an instant blend of three branched chain Amino acids in a ratio of 2:1:1.Sunflower Lecithin is added as surfactant. It can be dissolved in water very fast, suitable for sport drink, solid instant formula.

Tests	Limits	Test method
Appearance	White to off-white fine powder	Visual Method
Assay (Titration)	≥95.0%	Titration
Leucine Content(HPLC)	45.0~55.0%	HPLC
Isoleucine Content(HPLC)	22.5~27.5%	HPLC
Valine Content(HPLC)	22.5~27.5%	HPLC
Sunflower Lecithin	0.5%~1.0%	according to the quantity we added.
Bulk Density	≥0.32g/ml	Measuring cylinder
Tapped Density	≥0.45g/ml	Measuring cylinder
Heavy metals	≤10ppm	USP<231>
Lead	≤3ppm	USP<251>
Cadmium	≤1ppm	USP<261>
Arsenic	≤1ppm	USP<211>
Loss on drying	≤0.8%	USP<731>
Residue on ignition	≤1.0%	USP<281>
Total plate count	≤1000cfu/g	USP<61>
Yeast and Molds	≤100cfu/g	USP<61>
E.Coli	Negative	USP<62>
Salmonella	Negative/25g	USP<62>
Particle Size Range	≥90% through 80 Mesh	Sieving

【Compliance】IN-HOUSE STANDARD

【Package】25KGS,Corrugated carton, Medical grade PE bags inside

【Storage】Properly storage in cool and dry place with well closed container; Shelf life: 3 years

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