

Specification Sheet

Product Name	BCAA 2:1:1		
Packing	25Kg/Drum	Shelf Life:	24Months

Analysis	Specification	Test methods
Appearance	White to off-white fine powder	Visual
L-Leucine Content(%)	46.5~54.0	HPLC
L-Isoleucine content (%)	22.5~27.0	HPLC
L-Valine content (%)	22.5~27.0	HPLC
Spacific rotation L-Leucine	+14.9° ~+17.3°	USP30
Specific rotation L-Valine	+26.6° ~+28.8°	USP30
Specific rotation L-Isoleucine	+38.9° ~+41.8°	USP30
Loss on drying	not more than 0.5%	USP30
Residue on ignition	not more than 0.4%	USP30
Chloride	not more than 0.05%	USP30
Sulfate	not more than 0.03%	USP30
Arsenic	not more than 1.5ppm	USP30
Iron	not more than 30ppm	USP30
Loose Bulk Density	≥0.25g/ml	USP30
Tapped Density	≥0.30g/ml	USP30
Heavy Metals	not more than 10ppm	USP30
Lead	not more than 0.5ppm	USP30
Conclusion	Specification meet in house standard	