

**Specification Sheet**

Product Name	IBCAA 4:1:1		
Packing	25Kg/Drum	Shelf Life:	24Months

Analysis	Specification	Test methods
Appearance	White to off-white fine powder	Visual
L-Leucine Content(%)	60.0~72.0	HPLC
L-Isoleucine content (%)	15.0~18.0	HPLC
L-Valine content (%)	15.0~18.0	HPLC
Lecithin (%)	0.3~1.0	HPLC
Bulk Density(g/ml)	0.20~0.60	USP30
Loss on drying	not more than 0.5%	USP30
Residue on ignition	not more than 0.4%	USP30
Arsenic	not more than 1.0ppm	USP30
Lead	not more than 0.5ppm	USP30
Heavy Metals as Pb	not more than 10ppm	USP30
Total Plate Count(CFU/g)	1,000 Max	CP 2005
Yeasts and Molds(CFU/g)	100 Max	CP 2005
E. Coli	Negative	CP 2005
Salmonella	Negative/25g	CP 2005
Staphylococcus aureus	Negative /g	CP 2005
Conclusion	Specification meet in house standard	