

Specification Sheet

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

Analysis	Specification	Test methods
Description	White crystals or crystalline powder	Visual
L-Leucine Content	45.0%~55.0%	HPLC
L-Valine Content	22.5%~27.5%	HPLC
L-Isoleucine Content	22.5%~27.5%	HPLC
Binder Content(HPMC)	≤5.0%	HPLC
Particle Size	20mesh through above 95% 80mesh through below 15%	20 Mesh 80 Mesh
Bulk Density	0.20g/ml~0.60g/ml	Physical
Loss on drying	≤1.00%	USP30
Residue on ignition %	≤0.40%	USP30
Heavy metals	≤10ppm	USP30
Arsenic(As)	≤1.00ppm	USP30
Lead (Pb)	≤0.50ppm	USP30
Total Plate Count	≤1000cfu/g	CP 2005
Yeast and Molds	<100cfu/g	CP 2005
Escherichia coli	Negative	CP 2005
Salmonella Species	Negative	CP 2005
Staphylococcus aureus	Negative	CP 2005
Conclusion	Specification meet in house standard	