



Xi'an Green Spring Technology Co.,Ltd

### Certificate Of Analysis

Product Name:	BCAA Amino Acids Powder	Batch Number:	2024072901GS
Quantity:	1000Kgs	Manufacture Date:	July, 29,2024
Analysis Date:	July, 29,2024	Expire Date:	July, 28,2026
ITEM	SPECIFICATION	RESULTS	
Assay(Titration)	≥95.0%	96.8%	
Content of L-Leucine (HPLC)	45.0%~55.0%	46.1%	
Content of L-Isoleucine(HPLC)	22.5%~27.5%	23.3%	
Content of L-Valine(HPLC)	22.5%~27.5%	23.5%	
Sunflower Lecithin	0.5%~1.0%	0.8%	
Appearance	White to off-white fine powder	Conforms	
Physical &Chemical Characteristics			
Loss on drying	≤0.8%	0.28%	
Ash	≤1.0%	0.14%	
Particle size	≥90%Through 80 mesh	Conforms	
Bulk Density	≥0.32g/ml	0.40g/ml	
Tapped Density	≥0.45g/ml	0.61g/ml	
Heavy metals	≤10.0pm	Conforms	
Lead(Pb)	≤3.0ppm	Conforms	
Arsenic(As)	≤1.0ppm	Conforms	
Cadmium(Cd)	≤1.0ppm	Conforms	
Microbiological Tests			
Total plate Count	≤1000cfu/g	Conforms	
Yeast&Mold	≤100cfu/g	Conforms	
E.Coli.	Negative	Negative	
Salmonella	Negative/25g	Negative	
Conclusion:Conform with specification.			
Storage:Store in cool and dry places. Keep away from strong light and heat.			
Packing:By 25kgs/Drum,inner by plastic bag.			
Shelf Life:24 months under the above condition,and in it's original package.			

Quality Assurance: Liang Yan

