

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Instant Essential Amino Acid(EAA)-L  
 BATCH NO: 8SEAAMYYMMDD\*\*\*  
 STANDARD: IN-HOUSE STANDARD  
 QUANTITY: 1KG

PRODUCTION DATE:  
 REPORT DATE:  
 RETEST DATE:



Tests	Limits	Test results
Description	White powder	White powder
Assay ( HPLC )	≥98.0%	98.8%
L-Leucine	32.0%-37.0%	33.2%
L-Isoleucine	8.0%-11.0%	9.7%
L-Valine	11.0%-14.0%	12.5%
L- Lysine Hcl	13.0%-16.0%	14. 3%
L-Methionine	3.5%-6.0%	5.3%
L-Threonine	8.5%-11.5%	10. 1%
L-Phenylalanine	6.5%-8.5%	7.5%
L-Tryptophan	5.0%-8.0%	6.5%
Sunflower Lecithin	0.50-1.0%	0.8%
Bulk Density	0.40g/ml~0.60g/ml	0.41g/ml
Particle Size Range	≥90% through80 mesh	98% through 80mesh
Loss on drying	≤1.0%	0.45%
Residue on ignition	≤0.40%	0. 15%
Heavy metals	≤10ppm	<10ppm
Lead	≤3ppm	< 3ppm
Cadmium	≤1ppm	< 1ppm
Arsenic(As)	≤1ppm	< 1ppm
Mercury	≤0. 1ppm	< 0. 1ppm
Total plate count	≤3000cfu/g	<3000cfu/g
Yeast and Molds	≤100cfu/g	<100cfu/g
E.Coli	Negative	Negative
Salmonella	Negative/25g	Negative/25g
Conclusion: Passed test according to the in-house standard.		

Inspector: Mengke Li

Checker: Lingling Yu

Director: Jingyu Chen