

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Instant Essential Amino Acid(EAA)-M

PRODUCTION DATE:

BATCH NO: 18EAAYY/MM/DD

REPORT DATE:

STANDARD: IN-HOUSE STANDARD

RETEST DATE:

QUANTITY: 1000KGS



Tests	Limits	Test results
Description	White powder	White powder
L-Alanine	3.9%~4.7%	4.3%
L-Arginine	6.9%~8.3%	7.6%
L-Aspartic Acid	11.0%~ 12.0%	11.6%
L-Cystine	1.1%~ 1.5%	1.3%
L-Glutamic Acid	18.1%~20.1%	19.1%
L-Glycine	3.8%~4.6%	4.2%
L-Histidine	2.4%~2.8%	2.6%
L-Isoleucine	4.4%~5.4%	4.9%
L-Leucine	7.4%~9.0%	8.2%
L- Lysine HCL	5.7%~7.0%	6.3%
L-Methionine	1.1%~ 1.5%	1.3%
L-Phenylalanine	4.7%~5.7%	5.2%
L-Proline	4.6%~5.6%	5.1%
L-Serine	4.7%~5.7%	5.2%
L-Threonine	3.3%~4.0%	3.7%
L-Tryptophan	1.2%~ 1.6%	1.4%
L-Tyrosine	3.6%~4.2%	3.8%
L-Valine	4.5%~5.50%	5.0%
Bulk Density	0.40g/ml~0.60g/ml	0.48g/ml
Particle Size Range	≥95% through40 mesh	98% through 40mesh
Loss on drying	≤1.0%	0.45%
Residue on ignition	≤0.40%	0.17%
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