

CERTIFICATE OF ANALYSIS

PRODUCT NAME: INSTANT EAA

PRODUCTION DATE: 2020.9.4

BATCH NO: 9SEAAM200904003

REPORT DATE: 2020.9.9

STANDARD: IN-HOUSE STANDARD

RETEST DATE: 2022.9.3

QUANTITY: 100G



Tests	Limits	Test results
Description	White Powder	White Powder
Assay (HPLC)	≥90.0%	98.9%
L-Leucine	28.5%-33.5%	30.6%
L-Isoleucine	10.5%-13.5%	11.1%
L-Valine	17.5%-22.5%	18.7%
L-Tryptophan	2.0%-4.0%	3.3%
L-Phenylalanine	2.0%-4.0%	3.1%
L-Methionine	2.0%-4.0%	3.2%
L-Lysine - Hydrochloride	12.0%-17.0%	13.9%
L-Histidine	2.0%-4.0%	3.4%
L-Threonine	10.5%-13.5%	11.6%
Sunflower Lecithin	0.50-1.0%	0.8%
Bulk Density	0.40g/ml~0.60g/ml	0.43g/ml
Particle Size Range	≥90% through 80 mesh	97% through 80mesh
Loss On Drying	≤1.0%	0.37%
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.		