

Product Technical Data Sheet

Product name: Instant Essential Amino Acid(EAA)-M

AC code: AC03001q

1. Technical Data Sheet

Chemical Name	N/A
CAS number	/
Compliance (Food / Pharmacopoeia / FCC / Feed)	Food Supplement

Brief introduction:

Essential amino acids, also known as indispensable amino acids, are amino acids that humans and other vertebrates cannot synthesize from metabolic intermediates. These amino acids must be supplied from an exogenous diet because the human body lacks the metabolic pathways required to synthesize these amino acids.

Item	Standard	Analysis Method
Appearance & Solubility		
Appearance	White Powder	
Odor and Taste	Neutral odor	
Typical Analysis		
Item	Limits	
L-Alanine	3.9%~4.7%	HPLC
L-Arginine	6.9%~8.3%	HPLC
L-Aspartic Acid	11.0%~ 12.0%	HPLC
L-Cystine	1. 1%~ 1.5%	HPLC
L-Glutamic Acid	18. 1%~20. 1%	HPLC
L-Glycine	3.8%~4.6%	HPLC
L-Histidine	2.4%~2.8%	HPLC
L-Isoleucine	4.4%~5.4%	HPLC
L-Leucine	7.4%~9.0%	HPLC
L- Lysine HCL	5.7%~7.0%	HPLC
L-Methionine	1. 1%~ 1.5%	HPLC
L-Phenylalanine	4.7%~5.7%	HPLC
L-Proline	4.6%~5.6%	HPLC
L-Serine	4.7%~5.7%	HPLC
L-Threonine	3.3%~4.0%	HPLC
L-Tryptophan	1.2%~ 1.6%	HPLC
L-Tyrosine	3.6%~4.2%	HPLC
L-Valine	4.5%~5.50%	HPLC
Bulk Density	0.40g/ml~0.60g/ml	HPLC

Particle Size Range	≥95% through 40 mesh	HPLC
Loss on drying	≤1.0%	HPLC
Residue on ignition	≤0.40%	HPLC
Lead	≤3ppm	HPLC
Cadmium	≤1ppm	HPLC
Arsenic(As)	≤1ppm	HPLC
Mercury	≤0.1ppm	HPLC
Microorganism		
Total plate count	≤3000cfu/g	HPLC
Yeast and Molds	≤100cfu/g	HPLC
E.Coli	Negative	HPLC
Salmonella	Negative/25g	HPLC
Storage & Shelf Life		
Package	25KGS, Corrugated carton, Medical grade PE bags inside.	
Shelf life	2 years.	
Storage	Properly storage in cool and dry place with well closed.	