



Product Technical Data Sheet

Product name: L-Arginine-L-Pyroglutamate

AC code: AC03001g

1. Technical Data Sheet

Chemical Name	N/A
CAS number	56265-06-6
Compliance (Food / Pharmacopoeia / FCC / Feed)	Food Supplement

Brief introduction:

L-Arginine-L-Pyroglutamate is an amino acid complex that combines arginine and pyrrole glutamate to enhance athletic performance and promote recovery, and pyrrole glutamate may be beneficial for brain health and help improve attention and memory.

Item	Standard	Analysis Method
Appearance & Solubility		
Appearance	White crystals or crystalline powder	
Odor and Taste	Neutral odor	

Typical Analysis

Item	Standard Specification	
Assay	98.5%~101.5%	HPLC
Specific rotation	+16.5~+18.5	HPLC
Transmittance	≥95.0%	HPLC
Chloride (Cl)	≤0.02%	HPLC
Ammonium (NH ₄)	≤0.02%	HPLC
Sulfate (SO ₄)	≤0.02%	HPLC
Heavy Metals (Pb)	≤10ppm	HPLC
Iron (Fe)	≤10ppm	HPLC
Arsenic (As ₂ O ₃)	≤1ppm	HPLC
Loss on drying	≤1.0%	HPLC
Residue on ignition	≤0.10%	HPLC
PH	6.0~7.0	HPLC
Other amino acids	Not detectable	HPLC

Storage & Shelf Life

Package	20kgs/carton or 25kgs/drum
Shelf life	2 years
Storage	Store below 25°C and protect from heat and light.