

Product Technical Data Sheet

Product name: L-Arginine L-Aspartate

AC code: AC03001f

1. Technical Data Sheet

Chemical Name	N/A
CAS number	7675-83-4
Compliance (Food / Pharmacopoeia / FCC / Feed)	Food Supplement

Brief introduction: L-Arginine L-Aspartate is an amino acid complex that primarily promotes blood flow, promotes recovery, and improves metabolism.

Item	Standard	Analysis Method
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Appearance & Solubility

Appearance	White crystalline powder
Odor and Taste	Neutral odor

Typical Analysis

Item	Standard Specification	
Assay	98.5% to 101.0%	HPLC
PH	5.5 to 7.0	HPLC
State of solution	Clear and colorless	HPLC
Transmittance	Not less than 98%	HPLC
Specific rotation [α]D20	+25.5° to +27.5°	HPLC
Loss on drying	Not more than 3.0%	HPLC
Residue on ignition	Not more than 0.20%	HPLC
Other amino acids	Chromatographically not detectable	HPLC
Particle size	Not less than 90% pass 100 mesh	HPLC

Heavy metals

Chloride	Not more than 0.020%	HPLC
Sulfate	Not more than 0.030%	HPLC
Ammonium	Not more than 0.020%	HPLC
Iron	Not more than 30ppm	HPLC
Arsenic(as As ₂ O ₃)	Not more than 1ppm	HPLC
Heavy metals (as Pb)	Not more than 10ppm	HPLC

Microorganism

Total plate count	Not more than 1000cfu/g	HPLC
Yeast & molds	Not more than 100cfu/g	HPLC
Coliforms	Negative	HPLC
E.Coli	Negative	HPLC
Salmonella	Negative	HPLC

Storage & Shelf Life

Package	25KG NET CARTON
Shelf life	2 years
Storage	Store below 25 °C and protect from heat and light.