

**Product Technical Data Sheet**

**Product name: L-Arginine Acetate**

**AC code: AC03001d**



**1. Technical Data Sheet**

Chemical Name	N/A
CAS number	71173-62-1
Compliance (Food / Pharmacopoeia / FCC / Feed)	Food Supplement

**Brief introduction:**

It's a complex of L-Arginine and acetic acid. May enhance absorption and, in some cases, provide better bioavailability. The effect is similar to L-Arginine, but may provide a longer-lasting or stronger effect in some individuals.

Item	Standard	Analysis Method
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**Appearance & Solubility**

Appearance	White Crystals or crystalline powder
Odor and Taste	Neutral odor, acid taste

**Typical Analysis**

Item	Standard Specification	Analysis Method
Identification	Infrared absorption	USP 43
Specific rotation <sub>D</sub> <sup>20</sup>	+19.0~+21.6°	AJI TEST1
State of solution (Transmittance)	Clear and colorless ≥95.0%	AJI TEST2
Chloride (Cl)	NMT 0.02%	AJI TEST3
Ammonium (NH <sub>4</sub> )	NMT 0.02%	AJI TEST4
Sulfate (SO <sub>4</sub> )	NMT 0.030%	AJI TEST5
Iron (Fe)	NMT 10 ppm	AJI TEST6
Lead	NMT 1 ppm	USP 43
Arsenic	NMT 0.5 ppm	USP 43
Cadmium	NMT 0.5 ppm	USP 43
Mercury	NMT 0.1 ppm	USP 43
Heavy metals (Pb)	NMT 10 ppm	AJI TEST7
Other amino acids	Chromatographically not detectable	AJI TEST9
Loss on drying	NMT 0.5%	AJI TEST11
Residue on ignition (sulfated)	NMT 0.2%	AJI TEST13
Assay	98.0~101.0%	AJI TEST14
pH	6.0~7.5	AJI TEST33

**Microorganism**

Total Aerobic Microbial Count	NMT 1000 cfu/g	USP 43
Molds and Yeasts Count	NMT 100 cfu/g	USP 43
Coliform bacteria	Negative/10g	Testing Plate

Salmonella sp.	Negative/10g	Testing Plate
Staphylococcus aureus	Negative/10g	TestingPlate
<b>Storage &amp; Shelf Life</b>		
Package	20kgs/carton or 25kgs/drum	
Shelf life	2 years	
Storage	Keep containerdry and tighty closed;Keep in a cool wellventiated place;Keep away from heat and Oxidizng agents.	