



Product Technical Data Sheet

Product name: L-Arginine Nitrate

AC code: AC03001e

1. Technical Data Sheet

Chemical Name	N/A
CAS number	749-79-3
Compliance (Food / Pharmacopoeia / FCC / Feed)	Food Supplement

Brief introduction:

On the basis of L-Arginine, Nitrate combines with nitrate, which can release nitric oxide more effectively, further enhance blood circulation, and provide stronger enhancement of exercise performance and cardiovascular support..

Item	Standard	Analysis Method
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Appearance & Solubility

Appearance	White or almost white,crystalline powder or colourless crystals
Odor and Taste	Neutral odor

Typical Analysis

Item	Standard Specification	
Identification	Infrared absorption	In House
Specific rotation $[\alpha]_{D}^{20}$	+19.0~+21.0°	In House
Chloride(Cl)	NMT 0.02%	In House
Ammonium(NH ₄)	NMT 0.02%	In House
Sulfate(SO ₄)	NMT 0.02%	In House
Iron(Fe)	NMT 10 ppm	In House
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	In House
Loss on drying	NMT 1.5%	In House
Residue on ignition(sulfated)	NMT 0.1%	In House
Assay	NLT98.0%	In House

Microorganism

Total Aerobic Microbial Count	NMT 1000 cfu/g	USP 43
Molds and Yeasts Count	NMT 100 cfug ---	USP 43
Coliform bacteria	Negativer10g	Testing Plate
Salmonella sp	Negativt/1U	Testing Plate
Staphylococcus aureus	Negative/'0g	Testing Plate

Storage & Shelf Life

Package	20kgs/carton or 25kgs/drum
Shelf life	2 years

Storage	Keep container dry and tightly closed; Keep in a cool wellventiated place; Keep away from heat and Oxidizing agents.
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