

# Shine Star (Hubei) Biological Engineering Co., Ltd.

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## SPECIFICATIONS

**Product name: L-Arginine**

**Quality standard: USP33 CAS no.: 74-79-3**

**Characters: white or almost white, crystalline powder  
or colourless crystals, freely soluble in water**

Test Items	Limit
Identification	as per USP33
Specific rotation	between +26.3° to +27.7°
Loss on drying	not more than 0.5%
Residue on ignition	not more than 0.3%
Chloride	not more than 0.05%
Sulfate	not more than 0.03%
Iron	not more than 0.003%
Heavy metals	not more than 0.0015%
Chromatographic purity	as per USP33
Assay	98.5% to 101.5%

**Packaging and storage:**

**Preserve in well-closed containers.**