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SPECIFICATIONS

Product name: L-Arginine Hydrochloride

Quality standard: USP31 CAS no.: 1119-34-2

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

Test Items	Limit
Identification	as per USP31
Specific rotation	between +21.4° to +23.6°
Loss on drying	not more than 0.2%
Residue on ignition	not more than 0.1%
Sulfate	not more than 0.03%
Heavy metals	not more than 0.002%
Chromatographic purity	as per USP31
Organic volatile impurities	as per USP31
Chloride	between 16.5% to 17.1%
Residual solvents	meets the requirements
Assay	98.5% to 101.5%

Packaging and storage:

Preserve in well-closed containers and protected from light

Shelf-life: two years