

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

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SPECIFICATIONS

Product name: L-Cysteine Hydrochloride Monohydrate

Quality standard: USP31 CAS no.: 7048-04-6

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

Test Items	Limit
Identification	as per USP31
Specific rotation	between +5.7° to +6.8°
Loss on drying	between 8.0% to 12.0%
Residue on ignition	not more than 0.4%
Sulfate	not more than 0.03%
Iron	not more than 0.003%
Heavy metals	not more than 0.0015%
Chromatographic purity	as per USP31
Organic volatile impurities	as per USP31
Residual solvents	meets the requirements
Assay	98.5% to 101.5%

Packaging and storage:

Preserve in well-closed containers and protected from light