

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

Headquarters: No. 1 Yanjiang Road, Gong An, Jingzhou, Hubei, 434300 P. R .China
Tel: +86-27 8578 6222 Fax: +86-27 8578 6555
E-mail: sales@Shine-Star.com.cn www.Shine-Star.com.cn

SPECIFICATIONS

Product name: L-Cysteine Hydrochloride Monohydrate

Quality standard: EP6 CAS no.: 7048-04-6

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

Test Items	Limit
Identification	as per EP6
Appearance of solution	clear and not more intensely coloured than reference solution BY ₆
Specific optical rotation	+5.5° to +7.0°
Ninhydrin-positive substances	as per EP6
Sulphates	≤300ppm
Ammonium	≤200ppm
Iron	≤20ppm
Heavy metals	≤10ppm
Loss on drying	8.0% to 12.0%
Sulphated ash	≤0.1%
Assay	98.5% to 101.0%

Storage: Preserve in well-closed containers and protected from light