



青 岛 润 昌 化 工 有 限 公 司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	L-Cysteine HCl Monohydrate
CAS No	7048-04-6
Molecular Formula	$C_3H_8ClNO_2S \cdot H_2O$
Specification Version	USP32
Shelf Life	24months
Package	25kg / drum

ITEM	SPECIFICATION
Identification	Infrared absorption
Specific rotation	$+5.7^{\circ} \sim +6.8^{\circ}$
Loss on drying	8.0~12.0%
Residue on ignition	$\leq 0.4\%$
Sulfate	$\leq 0.03\%$
Iron	$\leq 0.003\%$
Heavy metals	$\leq 0.0015\%$
Chromatographic purity	Meet the requirements
Assay	98.5~101.5%

Microbiology Control

Total plate count	$\leq 1000\text{cfu/g}$
Yeasts & Molds	$\leq 100\text{cfu/g}$
Salmonella (cfu/g)	Negative
E.coli	Negative

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.

QINGDAO SAMIN CHEMICAL CO.,LTD.

A718 Heda Plaza,177 Tailiu Road,Qingdao,China
Tel: +86 532 88960696 Fax: +86 53288960698
contact@saminchemical.com www.saminchemical.com