



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

SPECIFICATION

Product Name	L-Cysteine HCl Anhydrous
CAS №	52-89-1
Molecular Formular	$C_3H_8ClNO_2S$
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	$\leq 2.0\%$
Residue on ignition	$\leq 0.4\%$
Sulphate	$\leq 0.03\%$
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.