



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

SPECIFICATION

Product Name	L-Cysteine
CAS №	52-90-4
Molecular Formular	$C_3H_7NO_2S$
Specification Version	AJ192
Shelf Life	24months
Package	25kg / drum

ITEM	SPECIFICATION
Appearance	White crystals or crystalline powder
Identification	Infrared absorption spectrum
Specific rotation	+8.3°~+9.5°
State of solution	≥95.0%
Chloride (Cl)	≤ 0.04%
Ammonium(NH ₄)	≤ 0.02%
Sulfate (SO ₄)	≤ 0.03%
Iron (Fe)	≤ 10ppm
Heavy metals (Pb)	≤ 10ppm
Arsenic (As ₂₀₃)	≤ 1ppm
Loss on drying	≤ 0.50%
Residue on ignition(sulfated)	≤ 0.10%
Assay	98.0~101.0%
PH	4.5~5.5

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