



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

SPECIFICATION

Product Name	L-Cystine
CAS №	56-89-3
Molecular Formular	$C_3H_7NO_2S_3$
Specification Version	AJI92
Shelf Life	24months
Package	25kg / drum

ITEM	SPECIFICATION
Assay	98.5~101.0%
Description	White crystals or crystalline powder
Identification	Infrared absorption spectrum
Specific rotation	-215°~-225°
State of solution	≥98.0%
Chloride (Cl)	≤ 0.02%
Ammonium (NH ₄)	≤ 0.02%
Sulfate (SO ₄)	≤ 0.02%
Iron (Fe)	≤ 20ppm
Heavy metals (Pb)	≤ 10ppm
Arsenic(As ₂ O ₃)	≤ 1ppm
Other amino acids	Conform
Loss on drying	≤ 0.20%
Residue on ignition (sulfated)	≤ 0.10%
PH	5.0~6.5

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