

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-Cysteine hydrochloride**
Specifications & Purity: anhydrous, from non-animal source, BioReagent, suitable for cell culture,
≥98.0%
SKU # **L432833**

Parameter	Limit Values
Appearance(L432833)	White to Off White Powder or Crystals
Solubility in H ₂ O , 50mg/ml, clear, colorless	pass
Infrared spectrum	Conforms to structure
Specific Rotation(c=8 in 1 M HCl at 20 deg C)	5.6-8.9 (°)
Heavy metals	0-10 (ppm)
Arsenic(As)	0-1 (ppm)
Loss on drying	0-1 (%)
Residue on ignition(Ash)	0-1 (%)
PH(1% in Water)	1.5-2.0
Assay(dry basis)	98-102.5 (%)
Endotoxin Level	≤1 (EU/mg)
Cell Culture Test	pass
Origin	Non-Animal Source
Ninhydrin-Positive Substances	Conforms