

Specification Sheet

Product Name: **L-Cystine**
Specifications & Purity: Ultra pure , 99.5%
SKU # **C108227**

Parameter	Limit Values
Zinc(Zn)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Calcium(Ca)	0-50 (ppm)
Cadmium(Cd)	0-5 (ppm)
Sodium(Na)	0-150 (ppm)
Purity(HPLC)	99.5-100 (%)
(Pb)Lead	0-5 (ppm)
Chloride (Cl-)	0-500 (ppm)
Iron(Fe)	0-10 (ppm)
Magnesium (Mg)	0-5 (ppm)
Chrome(Cr)	0-5 (ppm)
Specific Rotation [a] ₂₀ /D(c=2 in 1 M HCl)	-224--214 (°)
Nickel(Ni)	0-5 (ppm)
Loss on drying	0-0.1 (%)
Manganese(Mn)	0-5
Cobalt (Co)	0-5 (ppm)
Sulfate(SO ₄ ²⁻)	0-100 (ppm)
Copper(Cu)	0-6 (ppm)
Infrared spectrum	Conforms to Structure
Insoluble matter	pass
Sulfate Ash	0-0.1 (%)
Appearance(C108227)	Colorless or White Powder to Crystals