

Specification Sheet

Product Name: **L-Cystine**
Specifications & Purity: from non-animal source, meets EP testing specifications, suitable for cell culture
SKU #: **C118619**

Parameter	Limit Values
Endotoxin Assay	0-50 (EU/g)
Chloride	0-0.02 (%)
Iron(Fe)	0-10 (ppm)
Heavy metal (as Pb)	0-10 (ppm)
Specific Rotation $[\alpha]_{20/D}(c=2$ in 1N HCl in dried basis)	-224--218 (°)
Sulfate Ash	0-0.1 (%)
Purity(HPLC)	98.5-100 (%)
Sulfate(SO ₄ ²⁻)	0-0.03 (%)
Ammonia (NH ₄)	0-200 (ppm)
Loss on drying	0-0.5 (%)
Appearance (C118619)	White Powder or Crystals
Cytotoxicity	Pass
Infrared spectrum	Conforms to Structure
Ninhydrin-Positive Substances	Conforms
Origin	non-animal source
Residual solvents	complies