

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Specification Sheet

Product Name: **L-Cysteine**
 Specifications & Purity: **≥98%,from non-animal source,for cell culture**
 SKU #: **C108238**

Parameter	Limit Values
Sulfate(SO42-)	0-0.03 (%)
(As)Arsenic	0-1 (ppm)
Assay	98-100 (%)
Iron(Fe)	0-10 (ppm)
Ammonia (NH4)	0-0.02 (%)
Heavy metal (as Pb)	0-10 (ppm)
Chloride (Cl-)	0-0.04 (%)
Specific Rotation [α] ₂₀ /D(c=8 in 1 M HCl)	8.3-9.5 (°)
Endotoxin Assay	0-1 (EU/mg)
Appearance (C108238)	White Powder or Crystals
Cell Culture Test	pass
Cell Line test	Attached Cell Line
Infrared spectrum	Conforms to Structure
Solubility in H ₂ O , Clear Colorless ,c = 25mg/ml, H ₂ O	pass

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