

Certificate of Analysis

Date of Testing: 2024-06-22 16:34:17

Date of Next Testing: 2027-06-22 16:34:17

Product Name: **L-Cystine**

CAS Number: 56-89-3

Specifications & Purity: Moligand™, ≥98%(HPLC)

Lot #: F2415163

SKU #: **L432952**

Version: **3**

Analysis #: **335001**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	29.4-30.6 (%)	29.79 %
Nitrogen by Elemental Analysis	11.4-11.9 (%)	11.64 %
Purity(HPLC area)	98-100 (%)	98.85 %
Specific Rotation [α] ₂₅ /D(c=1 in 1M HCl)	-215--200 (°)	-200.10 °
Appearance(L432952)	Colorless or White Powder to Crystals	Colorless or White Powder to Crystals
Solubility (50 mg/mL, 1 M HCl)Clear,Colorless to Faint Yellow	pass	Pass
Infrared spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager