

Certificate of Analysis

Date of Testing: 2023-09-26 10:12:15

Date of Next Testing: 2027-09-25 10:12:15

Product Name: **DL-Ethionine**

CAS Number: 67-21-0

Specifications & Purity: 98%

Lot #: I2312157

SKU #: **E117217**

Analysis: **270820**

Storage Temperature: Protected from light,Store at -20°C,Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.60000 %
Carbon by Elemental Analysis	42.7-47.6 (%)	43.22 %
Melting point	265-268 (°C)	265.20000 °C
Nitrogen by Elemental Analysis	7.9-9.2 (%)	8.40 %
Appearance (E117217)	White to Off-White to Very pale yellow crystal or Powder	White to Off-White to Very pale yellow crystal or Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M HCl , Colorless to yellow,clear to slightly hazy,50mg/ml	pass	Pass



John Su
QA & QC Manager