

Certificate of Analysis

Date of Testing: 2023-05-17 15:39:07
Date of Next Testing: 2027-05-16 15:39:07
Product Name: **L-Alanamine Hydrochloride**
CAS Number: 33208-99-0
Specifications & Purity: 97%
Lot #: E2312117
SKU #: **A117207**
Analysis: **062229**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	9-13 (°)	12.08°
Purity(with Total Nitrogen)	97-100 (%)	99.81%
Melting point	214-218 (°C)	217.98000 °C
Appearance (A117207)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager