

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-24 13:33:13
 Date of Next Testing: 2026-12-23 13:33:13
 Product Name: **DL-Alanine methyl ester hydrochloride**
 CAS Number: 13515-97-4
 Specifications & Purity: $\geq 98\%$
 Lot #: L2203040
 SKU #: **A116955**
 Version: **1**
 Analysis #: **141637**
 Storage Temperature: Store at 2-8°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.85700 %
Nitrogen by Elemental Analysis	9.5-10.5 (%)	10.08200 %
Carbon by Elemental Analysis	33.5-34.5 (%)	34.30300 %
Appearance (A116955)	white to pale yellow Powder, Crystals and/or Chunk	white to pale yellow Powder, Crystals and/or Chunk
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager