

Certificate of Analysis

Date of Testing: 2024-07-13 09:55:37

Date of Next Testing: 2028-07-12 09:55:37

Product Name: **D-Alanine Methyl Ester Hydrochloride**

CAS Number: 14316-06-4

Specifications & Purity: 98%

Lot #: G2402085

SKU #: **A100771**

Version: **0**

Analysis #: **344560**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	98.63 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in MeOH})}$	-9--6 (°)	-6.54 °
Appearance (A100771)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless,Clear,100 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager