

Certificate of Analysis

Date of Testing: 2023-08-04 16:20:39
Date of Next Testing: 2026-08-03 16:20:39
Product Name: **(S)-(+)-Alanine**
CAS Number: 56-41-7
Specifications & Purity: for synthesis
Lot #: G23211136
SKU #: **S432937**
Analysis: **245478**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific rotation $[\alpha]_{20/D}(c=10 \text{ in HCl } 6 \text{ mol/l})$	14-15.5 (°)	14.39100°
Assay(Titration by HClO ₄)	99-100 (%)	99.89%
Appearance(S432937)	White Powder or Chunks	White Powder or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager