

Certificate of Analysis

Date of Testing: 2023-05-06 16:09:49
Date of Next Testing: 2025-05-05 16:09:49
Product Name: **S-Allyl-L-cysteine**
CAS Number: 21593-77-1
Specifications & Purity: $\geq 98.0\%$ (T)
Lot #: H1521101
SKU #: **I137523**
Analysis: 218554
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.20000 %
Optical purity(HPLC)(ee)	99-100 (%)	99.20 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-19--9 ($^{\circ}$)	-10.30 $^{\circ}$
Purity(Neutralization titration)	98-100 (%)	98.10 %
Appearance (I137523)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager