

Certificate of Analysis

Date of Testing: 2023-01-11 13:43:27

Date of Next Testing: 2027-01-10 13:43:27

Product Name: **L-Thiaproline**

CAS Number: 34592-47-7

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: C1921060

SKU # **T137734**

Analysis: 177614

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	99.52 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{mol/L NaOH sol.})$	-202--197 (°)	-201.40 °
Purity(HPLC)	98-100 (%)	99.50000 %
Appearance (T137734)	White powder	White powder
Solubility in hot H2O	almost transparency	almost transparency
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager