

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-17 17:34:34

Date of Next Testing: 2029-11-16 17:34:34

Product Name: **L-Thiaproline**

CAS Number: 34592-47-7

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

Lot #: K2512081

SKU #: **T137734**

Version: **1**

Analysis #: **610523**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.25800 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{mol/L NaOH sol.})$	-202--197 (°)	-198.21000 °
Purity(HPLC)	98-100 (%)	98.82600 %
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