

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-07 14:02:34

Date of Next Testing: 2029-02-06 14:02:34

Product Name: **DL-Proline**

CAS Number: 609-36-9

Specifications & Purity: $\geq 99\%$

Lot #: A2522340

SKU #: **P105590**

Version: **1**

Analysis #: **120437**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$	-1-1 ($^{\circ}$)	0.04100 $^{\circ}$
Purity (T)	98.5-101.5 (%)	99.75000 %
Appearance (P105590)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow, Clear to Hazy, 20%	Pass	Pass



John Su
QA & QC Manager