

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-28 09:22:30

Date of Next Testing: 2028-05-27 09:22:30

Product Name: **DL-Proline**

CAS Number: 609-36-9

Specifications & Purity: 99%

Lot #: E2422108

SKU #: **P105590**Version: **1**Analysis #: **120437**

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=4 in H ₂ O)	-1-1 (°)	0.04°
Purity (T)	98.5-101.5 (%)	99.75 %
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 pass Hazy,20%		Pass

John Su
QA & QC Manager