

Certificate of Analysis

Date of Testing: 2024-04-11 16:21:51
Date of Next Testing: 2028-04-10 16:21:51
Product Name: **DL-Proline**
CAS Number: 609-36-9
Specifications & Purity: 99%
Lot #: C2430212
SKU #: **P105590**
Analysis: **330444**

Parameter	Limit Values	Result
Purity (T)	98.5-101.5 (%)	99.19%
Specific Rotation [α] ₂₀ /D(c=4 in H ₂ O)	-1-1 (°)	-0.58°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (P105590)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H ₂ O , Colorless to Faint Yellow,Clear to pass Hazy,20%		Pass



John Su
QA & QC Manager