

Certificate of Analysis

Date of Testing: 2025-06-04 13:04:47

Date of Next Testing: 2029-06-03 13:04:47

Product Name: **trans-4-Hydroxy-L-proline**

CAS Number: 51-35-4

Specifications & Purity: Moligand™, ≥99%

Lot #: E2529252

SKU #: **H111005**

Version: **0**

Analysis #: **515381**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	99-100 (%)	99.54 %
Purity(HPLC)	99-100 (%)	99.74400 %
Specific Rotation [α] _{20/D} (c=4 in H ₂ O)	-77--74 (°)	-74.20 °
Appearance (H111005)	white to off-white crystalline powder	white to off-white crystalline powder
Solubility,Colorless and clear(5% in H ₂ O)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager