

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-14 14:03:32  
Date of Next Testing: 2029-05-13 14:03:32  
Product Name: **trans-4-Hydroxy-L-proline**  
CAS Number: 51-35-4  
Specifications & Purity: Moligand™, ≥99%  
Lot #: G2123153  
SKU #: **H111005**  
Version: **0**  
Analysis #: **508769**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	99-100 (%)	99.90%
Purity(HPLC)	99-100 (%)	99.50000%
Specific Rotation [α] <sub>20</sub> /D(c=4 in H <sub>2</sub> O)	-77--74 (°)	-74.30°
Appearance (H111005)	white to off-white crystalline powder	white to off-white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless and clear(5% in H <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager