

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-17 11:19:13  
Date of Next Testing: 2027-08-16 11:19:13  
Product Name: **trans-4-Hydroxy-L-proline**  
CAS Number: 51-35-4  
Specifications & Purity: Moligand™, ≥99%  
Lot #: H2308218  
SKU #: **H111005**  
Version: **0**  
Analysis #: **108707**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	99-100 (%)	99.82%
Purity(HPLC)	99-100 (%)	99.74200%
Specific Rotation [α] <sub>20</sub> /D(c=4 in H <sub>2</sub> O)	-77--74 (°)	-74.01°
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