

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-06 17:46:41  
Date of Next Testing: 2028-09-05 17:46:41  
Product Name: **trans-4-Hydroxy-L-proline**  
CAS Number: 51-35-4  
Specifications & Purity:  $\geq 99\%$   
Lot #: I2404399  
SKU #: **H111005**  
Version: **0**  
Analysis #: **408492**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	99-100 (%)	99.58 %
Purity(HPLC)	99-100 (%)	99.96000 %
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in H}_2\text{O})$	-77--74 ( $^{\circ}$ )	-74.65 $^{\circ}$
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