

## Certificate of Analysis

Date of Testing: 2022-12-24 14:15:54  
Date of Next Testing: 2026-12-23 14:15:54  
Product Name: **trans-4-Hydroxy-L-proline**  
CAS Number: 51-35-4  
Specifications & Purity: 99%  
Lot #: L2213453  
SKU #: **H111005**  
**Analysis: 110585**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	99-100 (%)	99.50 %
Purity(HPLC)	99-100 (%)	99.62600 %
Specific Rotation [a] <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



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QA & QC Manager