

Certificate of Analysis

Date of Testing: 2022-10-11 17:00:44
Date of Next Testing: 2026-10-10 17:00:44
Product Name: **trans-4-Hydroxy-L-proline**
CAS Number: 51-35-4
Specifications & Purity: 99%
Lot #: I2216262
SKU #: **H111005**
Version: **0**
Analysis #: **106599**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	99-100 (%)	99.50%
Purity(HPLC)	99-100 (%)	99.64300%
Specific Rotation [a] ₂₀ /D(c=4 in H ₂ 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 ₂ O)	pass	Pass



John Su
QA & QC Manager