

Certificate of Analysis

Date of Testing: 2025-06-18 14:33:03

Date of Next Testing: 2027-06-18 14:33:03

Product Name: **trans-4-Hydroxy-D-proline**

CAS Number: 3398-22-9

Specifications & Purity: $\geq 97\%$

Lot #: K2124023

SKU # **I134121**

Version **0**

Analysis #: **526587**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ H}_2\text{O})}$	68-82 ($^{\circ}$)	69.00 $^{\circ}$
Purity(Titration by HClO ₄)	96.5-103.5 (%)	98.50 %
Appearance (I134121)	White to Tan Solid, Powder, Crystals and/or Chunks	White to Tan Solid, Powder, Crystals and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager