

## Certificate of Analysis

Date of Testing: 2023-08-01 09:34:25  
Date of Next Testing: 2027-07-31 09:34:25  
Product Name: **Cis-4-Hydroxy-L-proline**  
CAS Number: 618-27-9  
Specifications & Purity: 98%  
Lot #: G2319509  
SKU #: **H110730**  
**Analysis: 135166**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	98.74%
Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)	-60--56 (°)	-59.98°
Appearance (H110730)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , colorless to yellow clear to hazy,50mg/ml	pass	Pass



John Su  
QA & QC Manager