

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-13 17:03:27  
Date of Next Testing: 2026-07-12 17:03:27  
Product Name: **trans-4-Hydroxy-L-proline**  
CAS Number: 51-35-4  
Specifications & Purity: 99%  
Lot #: G2208247  
SKU #: **H111005**  
**Analysis:** **107765**  
Storage Temperature: Argon charged

| Parameter   | Limit Values                          | Result                                |
|---|---------------------------------------|---------------------------------------|
| Purity(NonaqueousTitration)                                     | 99-100 (%)                            | 99.96 %                               |
| Purity(HPLC)  | 99-100 (%)                            | 99.73800 %                            |
| 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                                  |



John Su  
QA & QC Manager