

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-07-18 10:00:35

Date of Next Testing: 2029-07-17 10:00:35

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

CAS Number: 51-35-4

Specifications & Purity: Moligand™, ≥99%

Lot #: I2124234

SKU # **H111005**

Version **0**

**Analysis #:** **543410**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                       | Limit Values                          | Result                                |
|-----------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(Nonaqueous Titration)                                    | 99-100 (%)                            | 99.49600 %                            |
| Purity(HPLC)                                                    | 99-100 (%)                            | 99.57700 %                            |
| Specific Rotation [α] <sub>20/D</sub> (c=4 in H <sub>2</sub> O) | -77--74 (°)                           | -74.07300 °                           |
| 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