

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-13 10:49:49  
 Date of Next Testing: 2027-02-12 10:49:49  
 Product Name:  **$\alpha$ -Methyl-L-proline**  
 CAS Number: 42856-71-3  
 Specifications & Purity:  $\geq 96\%$ (T)  
 Lot #: E1905013  
 SKU #: **A151336**  
 Version: **0**  
 Analysis #: **186566**  
 Storage Temperature: Room temperature

| Parameter                                                | Limit Values                          | Result                                |
|----------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(Nonaqueous Titration)                             | 96-100 (%)                            | 98.37000 %                            |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | -77--69 (°)                           | -73.57800 °                           |
| Appearance (A151336)                                     | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                                      | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager