

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-04 10:30:52  
 Date of Next Testing: 2029-03-03 10:30:52  
 Product Name:  **$\alpha$ -Methyl-L-proline**  
 CAS Number: 42856-71-3  
 Specifications & Purity:  $\geq 96\%$   
 Lot #: C2503482  
 SKU #: **M535955**  
 Version: **1**  
 Analysis #: **206163**  
 Storage Temperature: Room temperature

| Parameter                                                | Limit Values                          | Result                                |
|----------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(As C)                                             | 96-102.5 (%)                          | 98.02400 %                            |
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$ | -77~-69 (°)                           | -74.64500 °                           |
| Appearance(M535955)                                      | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| NMR Spectrum 1H                                          | Conforms to Structure                 | Conforms to Structure                 |



John Su  
 QA & QC Manager