

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-15 13:57:31

Date of Next Testing: 2029-09-14 13:57:31

Product Name:  **$\alpha$ -Methyl-L-tyrosine**

CAS Number: 672-87-7

Specifications & Purity: Moligand™, ≥98%

Lot #: K2125981

SKU #: **M107878**

Version: **0**

Analysis #: **570906**

Storage Temperature: Store at -20°C

| Parameter                                                           | Limit Values                             | Result                                   |
|---------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Specific Rotation [a] <sub>D</sub> 20/D(c=0.05 in H <sub>2</sub> O) | -21--15 (°)                              | -17.20000 °                              |
| Purity(HPLC)                                                        | 98-100 (%)                               | 98.20000 %                               |
| Appearance (M107878)                                                | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| Infrared spectrum                                                   | Conforms to Structure                    | Conforms to Structure                    |
| Proton NMR spectrum                                                 | Conforms to Structure                    | Conforms to Structure                    |
| Solubility in 1 M HCl , Colorless to Faint Yellow, Clear,25 mg/mL   | pass                                     | Pass                                     |



John Su  
QA & QC Manager