

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-03-09 14:59:16

Date of Next Testing: 2027-03-08 14:59:16

Product Name:  **$\alpha$ -Methyl-D-phenylalanine**

CAS Number: 17350-84-4

Specifications & Purity:  $\geq 98\%$

Lot #: F1524132

SKU #: **P107874**

Version: **0**

Analysis #: **196522**

Storage Temperature: Room temperature

| Parameter                                                                                     | Limit Values                                       | Result                                             |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Enantiometric Excess                                                                          | 98-100 (%)                                         | 98.08900 %                                         |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 16-23 \text{ } ^\circ \text{H}_2\text{O})$ |                                                    | 17.30000 $^\circ$                                  |
| Appearance (P107874)                                                                          | white to pale yellow Powder, Crystals and/or Chunk | white to pale yellow Powder, Crystals and/or Chunk |
| Infrared spectrum                                                                             | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager