

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-02 15:25:20
Date of Next Testing: 2027-02-01 15:25:20
Product Name: **L-Phenylalanine methyl ester hydrochloride**
CAS Number: 7524-50-7
Specifications & Purity: $\geq 98\%$
Lot #: A2330079
SKU #: **P109006**
Version: **0**
Analysis #: **164436**
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|--|---------------------------------------|---------------------------------------|
| Purity (Argentometric Titration) | 98-100 (%) | 99.35000 % |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})$ | 36-39 ($^{\circ}$) | 36.72700 $^{\circ}$ |
| Appearance (P109006) | 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