

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-12 09:03:20  
 Date of Next Testing: 2027-02-12 09:03:20  
 Product Name: **L-Phenylalaninamide Hydrochloride**  
 CAS Number: 65864-22-4  
 Specifications & Purity:  $\geq 98\%$ (HPLC)  
 Lot #: D23261075  
 SKU #: **S136991**  
 Version: **0**  
 Analysis #: **469838**  
 Storage Temperature: Room temperature

| Parameter                                                                   | Limit Values                          | Result                                |
|-----------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Melting point                                                               | 231-237 (°C)                          | 236.10000 °C                          |
| Purity(HPLC)                                                                | 98-100 (%)                            | 99.30000 %                            |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$             | 15-27 (°)                             | 19.40000 °                            |
| Appearance (S136991)                                                        | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                                                         | Conforms to Structure                 | Conforms to Structure                 |
| Solubility, Colorless, clear to lightly hazy (50 mg/ml of H <sub>2</sub> O) | pass                                  | Pass                                  |



John Su  
QA & QC Manager