

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-24 11:52:32

Date of Next Testing: 2027-07-23 11:52:32

Product Name: **H-D-Phe-OMe-HCl**

CAS Number: 13033-84-6

Specifications & Purity:  $\geq 98\%$

Lot #: G23131383

SKU #: **P100531**

Version: **0**

**Analysis #:** **239577**

Storage Temperature: Store at 2-8°C

| Parameter                                                | Limit Values                       | Result                             |
|----------------------------------------------------------|------------------------------------|------------------------------------|
| Specific Rotation $[\alpha]_{20/D(c=2 \text{ in EtOH})}$ | -40--34 (°)                        | -38.51 °                           |
| Purity (Argentmetric Titration)                          | 97.5-102.5 (%)                     | 99.80 %                            |
| Purity(HPLC)                                             | 98-100 (%)                         | 98.36200 %                         |
| Carbon by Elemental Analysis                             | 54.3-57.1 (%)                      | 55.53 %                            |
| Nitrogen by Elemental Analysis                           | 6.3-6.7 (%)                        | 6.58 %                             |
| Appearance (P100531)                                     | White Powder or Crystals or Fibers | White Powder or Crystals or Fibers |
| Proton NMR spectrum                                      | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager