

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-24 11:59:24
 Date of Next Testing: 2027-07-23 11:59:24
 Product Name: **H-D-Phe-OMe-HCl**
 CAS Number: 13033-84-6
 Specifications & Purity: $\geq 98\%$
 Lot #: G23131208
 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