

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-02 13:19:02  
Date of Next Testing: 2026-06-01 13:19:02  
Product Name: **Z-D-Phe-OH**  
CAS Number: 2448-45-5  
Specifications & Purity: 98%  
Lot #: E2230149  
SKU #: **Z110986**  
**Analysis:** **067002**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Phenylalanine	0-0.1 (%)	0.05 %
Purity(Neutralization titration)	97.5-102.5 (%)	99.50 %
Purity(HPLC)	98-100 (%)	99.00500 %
Melting point	85-89 (°C)	86.68000 °C
Specific Rotation [α] <sub>20</sub> /D(c=2 in AcOH)	-6--5 (°)	-5.01 °
Appearance (Z110986)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager