

Certificate of Analysis

Date of Testing: 2022-06-02 13:48:46
Date of Next Testing: 2026-06-01 13:48:46
Product Name: **Z-D-Phe-OH**
CAS Number: 2448-45-5
Specifications & Purity: 98%
Lot #: E2230104
SKU #: **Z110986**
Analysis: 094418
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 %
Specific Rotation [α] ₂₀ /D(c=2 in AcOH)	-9.5--3.5 (°)	-5.01 °
Melting point	85-89 (°C)	86.68000 °C
Appearance (Z110986)	White powder	White powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager