

Certificate of Analysis

Date of Testing: 2023-06-16 09:06:44
Date of Next Testing: 2027-06-15 09:06:44
Product Name: **Z-D-Phe-OH**
CAS Number: 2448-45-5
Specifications & Purity: 98%
Lot #: 11523016
SKU #: **Z110986**
Analysis: **237193**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Phenylalanine	0-0.1 (%)	0.03%
Purity(Neutralization titration)	97.5-102.5 (%)	98.89%
Purity(HPLC)	98-100 (%)	98.85800%
Specific Rotation [α] ₂₀ /D(c=2 in AcOH)	-9.5--3.5 (°)	-4.58°
Melting point	85-89 (°C)	86.69000 °C
Appearance (Z110986)	White powder	White powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager