

Certificate of Analysis

Date of Testing: 2022-06-02 14:52:25
Date of Next Testing: 2026-06-01 14:52:25
Product Name: **Z-D-Phe-OH**
CAS Number: 2448-45-5
Specifications & Purity: 98%
Lot #: E2230151
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] ₂₀ /D(c=2 in AcOH) | -6--5 (°) | -5.01 ° |
| Appearance (Z110986) | White powder | White powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager