

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 02225
Product **Z-D-phenylalanine**

Lot Number 000424-181226-11912
Z-D-Phe-OH

CAS Number 2448-45-5
Molecular Formula C₁₇H₁₇NO₄

Molecular Weight 299.3

Appearance White powder
Solubility Clear solution (0.3g in 2ml DMF)
Melting Point 86.8 - 88.4 °C
Water Content (Karl Fisher) 0.61%
Optical Rotation [α]²⁰_D = -5.1 ° (C=2 in AcOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.14% (40 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.53%
Storage Store at 0-8°C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager