

Chem-Impex International, Inc.

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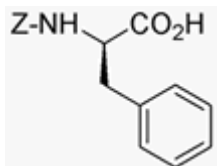
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02225
Product	Z-D-phenylalanine
	Z-D-Phe-OH
CAS Number	2448-45-5
Molecular Formula	C ₁₇ H ₁₇ NO ₄
Molecular Weight	299.3

Appearance	White powder
Solubility	Clear solution (0.3g in 2ml DMF)
Melting Point	84 - 94 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] ²⁰ _D = -5 ± 1.5 ° (C=2 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8°C

For Laboratory Use Only