

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

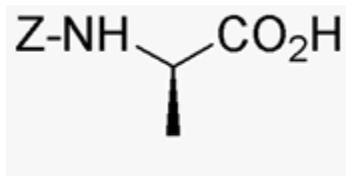
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02115
Product	Z-D-alanine
	Z-D-Ala-OH
CAS Number	26607-51-2
Molecular Formula	C ₁₁ H ₁₃ NO ₄
Molecular Weight	223.2

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL AcOH)
Melting Point	82-87 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = +13 ± 2° (C=1 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Chiral Purity	≥ 99.5% (ee)
Storage	Store at 0-8 °C

For Laboratory Use Only