

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	03113
Product	L-Phenylalanine amide hydrochloride
	L-Phe-NH ₂ •HCl
CAS Number	65864-22-4
Molecular Formula	C ₉ H ₁₂ N ₂ O•HCl
Molecular Weight	200.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	231-236 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = +30.4 ± 2° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (80 °C, 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only