

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

Certificate of Analysis

Catalogue Number	02594
Lot Number	000424-230904-20301
Product	4-Amino-L-phenylalanine L-Phe(4-NH ₂)-OH
CAS Number	943-80-6
Molecular Formula	C ₉ H ₁₂ N ₂ O ₂
Molecular Weight	180.2

Appearance	Off-white powder
Solubility	Clear solution (0.3 g in 2 mL 1N HCl)
Melting Point	234.7 - 237.3 °C
Water Content (Karl Fisher)	5.99%
Optical Rotation	[α] _D ²⁰ = -38.7 ° (C=1 in water)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	7.93% (105 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.85%
Storage	Store at 0 - 8 °C
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