

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	02064
Lot Number	000424-140520-35802
Product	Fmoc-D-proline Fmoc-D-Pro-OH (R)-Fmoc-pyrrolidine-2-carboxylic acid
CAS Number	101555-62-8
Molecular Formula	C ₂₀ H ₁₉ NO ₄
Molecular Weight	337.4

Appearance	White powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	113.7-115.2 °C
Water Content (Karl Fisher)	2.781%
Optical Rotation	[α] _D ²⁰ = +32.0° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.78% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.80%
Chiral Purity	0.0914%
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 02064

Lot Number: 000424-140520-35802

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