

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	03811
Product	Boc-D-proline N-hydroxysuccinimide ester
Lot Number	000424-160220-31406 Boc-D-Pro-OSu
CAS Number	102185-34-2
Molecular Formula	C ₁₄ H ₂₀ N ₂ O ₆
Molecular Weight	312.3

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	132-133.3 °C
Water Content (Karl Fisher)	0.048%
Optical Rotation	[α] _D ²⁰ = +58.8° (C=1 in Dioxane)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.51% (50 °C, 2h)
Purity by HPLC	98.11%
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