

# **Chem-Impex International, Inc.**

**Tel:** (630) 766-2112

**E-mail:** [sales@chemimpex.com](mailto:sales@chemimpex.com)

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** [www.chemimpex.com](http://www.chemimpex.com)

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## **Certificate of Analysis**

<b>Catalog Number</b>	05201
<b>Product Name</b>	<b>Boc-Lys(Boc)-Pro-OH</b>
<b>Lot Number</b>	05201-071806-1
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>37</sub> N <sub>3</sub> O <sub>7</sub>
<b>Molecular Weight</b>	443.5
<b>Melting Point</b>	72-74°C
<b><math>\alpha^25_D</math></b>	-38.90° (c=1.0% in DMF)
<b>Purity (HPLC)</b>	99%
<b>Storage</b>	Store at -0°C.
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.

**Quality Control Manager**

## HPLC Conditions

<b>Column</b>	Beckman Ultrasphere 5 $\mu\text{m}$ , 250x4.6 mm, 150 $\text{\AA}$
<b>Guard Column</b>	Supel Guard LC-18-DB, 2 cm
<b>Retention Time, min</b>	9.66
<b>Sample preparation</b>	2 mg/1 ml 100% Acetonitrile/Water
<b>Injection volume, <math>\mu\text{l}</math></b>	5
<b>Method /Detection at, nm</b>	<b>Gradient</b>
	30-80% B
	A = 99.9% Water, 0.1% TFA
<b>Boc / 210</b>	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min