

# 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

<b>Catalogue Number</b>	12769
<b>Lot Number</b>	000424-180401-23160
<b>Product</b>	<b><math>N^{\beta}</math>-Fmoc-<math>N^{\omega}</math>-Boc-L-<math>\beta</math>-homolysine</b>

Fmoc-L- $\beta$ -HomoLys(Boc)-OH

<b>CAS Number</b>	203854-47-1
<b>Molecular Formula</b>	$C_{27}H_{34}N_2O_6$
<b>Molecular Weight</b>	482.58

---

<b>Appearance</b>	White to off-white powder/solid
<b>Optical Rotation</b>	$[\alpha]_D^{20} = -11.02^{\circ}$ (C=1 in $CHCl_3$ )
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Residual Solvents</b>	Not identified
<b>Related Substances</b>	Not identified
<b><math>^1H</math> NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.4% (210nm) 99.6% (254nm)
<b>Storage</b>	Store at $\leq -4^{\circ}C$
<b>Remarks</b>	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**