

# 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>	29355
<b>Lot Number</b>	000424-180601-36944
<b>Product</b>	<b>Fmoc-<math>\alpha</math>-Me-D-Leu-OH</b>

(R)-N-Fmoc- $\alpha$ -methyleucine

<b>CAS Number</b>	1231709-23-1
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>25</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	367.44

---

<b>Appearance</b>	White to off-white powder
<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><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	99%
<b>L-Enantiomer</b>	1.0%
<b>Purity by HPLC</b>	99.7%
<b>Storage</b>	Store at 0-8°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