

# 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>	05509
<b>Lot Number</b>	000424-190825-31211
<b>Product</b>	<b>Boc-D-methionine N-hydroxysuccinimide ester</b>  Boc-D-Met-OSu
<b>CAS Number</b>	26060-98-0
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>22</sub> N <sub>2</sub> O <sub>6</sub> S
<b>Molecular Weight</b>	346.4
<hr/>	
<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.1 g in 2 mL DMF)
<b>Melting Point</b>	124.9 - 125.4 °C
<b>Water Content (Karl Fisher)</b>	0.15%
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 23.5 ° (C=2 in Dioxane)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.12% (60 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.26%
<b>Storage</b>	Store at 0 - 8 °C

# *Certificate of Analysis*

Catalog Number: 05509

Lot Number: 000424-190825-31211

---

**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**