

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

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## **Certificate of Analysis**

<b>Catalog Number</b>	04005
<b>Product Name</b>	<b>Boc-Met-ONp</b> Boc-L-methionine 4-nitrophenyl ester
<b>Lot Number</b>	04005-042506-1
<b>CAS Registry Number</b>	2488-18-8
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>22</sub> N <sub>2</sub> O <sub>6</sub> S
<b>Molecular Weight</b>	370.43
<b>Melting Point</b>	91-93 °C
<b>Specific Optical Rotation</b>	$\alpha_D^{24} = -48.86^\circ$ (1%, Methanol)
<b>HPLC purity</b>	98%
<b>Storage</b>	Store at -0°C.
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**

**Quality Control Manager**

## HPLC Conditions

<b>Column</b>	Beckman Ultrasphere 5 $\mu$ m, 250x4.6 mm, 150 $\text{\AA}$
<b>Guard Column</b>	Supel Guard LC-18-DB, 2 cm
<b>Retention Time, min</b>	16.58
<b>Sample preparation</b>	2 mg/1 ml 100% Acetonitrile/Water
<b>Injection volume, <math>\mu</math>l</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