

# *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

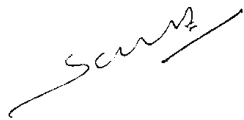
Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalog Number</b>	03049
<b>Product Name</b>	<b>H-Cys(Bzl)-OMe•HCl</b> S-Benzyl-L-cysteine methyl ester hydrochloride
<b>Lot Number</b>	03049-121905-1
<b>CAS Registry Number</b>	16741-80-3
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>15</sub> NO <sub>2</sub> S•HCl
<b>Molecular Weight</b>	261.8
<b>Melting Point</b>	149-151°C
<b>Specific Optical Rotation</b>	$\alpha_D^{20} = -11.66^\circ$ (C=1.0, Water)
<b>Purity (HPLC)</b>	99%
<b>Storage</b>	Store at 0-8 °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



**Sashi Kumar**  
**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>	17.78
<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>
	0-50% A(2)
	A = 99.9% Water, 0.1% TFA
	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min

**Boc0-50 / 210**