

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalog Number</b>	02706
<b>Product Name</b>	Boc-HoCys(Bzl)-OH Boc-S-benzyl-L-homocysteine
<b>Lot Number</b>	2706-022699-V
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>23</sub> NO <sub>4</sub> S
<b>Molecular Weight</b>	325.4
<b>Melting Point</b>	104-105°C
<b>Chromatography</b>	Chloroform:methanol:acetic acid 19:1:0.5 R <sub>f</sub> = 0.85
<b>TLC</b>	Methylene Chloride:Methanol 19:1 R <sub>f</sub> 0.34
<b>HPLC</b>	Purity >98 % (ε = 220 nm), Vydac C <sub>18</sub> COLUMN, Gradient elution 40-80% B in 25 min., t <sub>R</sub> = 11.8 min  A=Water:trifluoroacetic acid (100:0.5) B=Acetonitrile:Water:trifluoroacetic acid (90:10:0.38)
<b>Storage</b>	Store at 0-5°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**