

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalog Number</b>	06729
<b>Product Name</b>	Bzl-N-Me-Ala-OH N-Benzyl-N-methyl-L-alanine
<b>Lot Number</b>	6729-031900-V
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>16</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	193.15
<b>Optical Rotation</b>	$\alpha_D = -5.09^\circ$ (crystals from methanol-diethyl ether)
<b>Chromatography</b>	Chloroform:methanol:acetic acid 90:10:2 Rf=0.15 Butanol:acetic acid:ethyl acetate:water 1:1:1 Rf=0.66
<b>HPLC</b>	Purity 98%
	Vydac C <sub>18</sub> column, gradient elution 5-50% B in 25 min., t <sub>R</sub> 9.86 min, $\lambda=214$ nm, flow rate 1mL/min, injection 1 $\mu$ L of 0.5% solution in methanol
	A=Water:trifluoroacetic acid (100:0.5) B=Acetonitrile:Water:trifluoroacetic acid (90:10:0.38)
<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



**Sashi Kumar**  
**Quality Control Manager**