

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	16221
<b>Lot Number</b>	000129-05527
<b>Product</b>	<b>N-Benzyl-D-valine methyl ester hydrochloride</b> Bzl-D-Val-OMe•HCl
<b>CAS Number</b>	210917-86-5
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>19</sub> NO <sub>2</sub> ·HCl
<b>Molecular Weight</b>	257.8

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	166 - 168 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -17.2 ° (C=1 in MeOH)
<b>Assay by titration</b>	99.2%
<b>Purity by HPLC</b>	99.8%
<b>Purity by TLC</b>	> 98%
<b>Storage</b>	Store at 0 - 8 °C
<b>Remarks</b>	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**