

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	02656
<b>Lot Number</b>	001304-839391
<b>Product</b>	<b>Z-N-methyl-L-isoleucine</b>

Z-N-Me-L-Ile-OH

<b>CAS Number</b>	42417-66-3
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>21</sub> NO <sub>4</sub>

<b>Molecular Weight</b>	279.3
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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear (1 mmol/2mol DMF)
<b>Water Content (Karl Fisher)</b>	0.07% w/w
<b>Optical Rotation</b>	$[\alpha]_D^{25} = -70.6^\circ$ (C=1 in EtOH)
<b>Free Amino Acids</b>	< 0.5%
<b>Purity by HPLC</b>	99.34%
<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**