

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	04362
<b>Lot Number</b>	000127-1000006709
<b>Product</b>	<b>Acetyl-L-isoleucine amide</b> Ac-L-Ile-NH <sub>2</sub>
<b>CAS Number</b>	56711-06-9
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight</b>	172.22

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (25 mg/mL in acetic acid 80%)
<b>Elemental Analysis (Found)</b>	C = 55.8%, H = 9.6%, N = 16.3%
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (85/10/5) Chloroform/Methanol (8/2) Chloroform/Methanol/Acetic acid (90/8/2) Plate : Silicagel 60 F <sub>254</sub> Detected by : UV, Ninhydrin, Chlorine-tolidine
<b>Purity by TLC</b>	> 99%
<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