

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	09071
<b>Lot Number</b>	000127-1000012634
<b>Product</b>	<b>Pro-Leu-OH</b> L-Prolyl-L-leucine
<b>CAS Number</b>	52899-07-7
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	228.29

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear colorless solution (10 mg/mL in 80% AcOH)
<b>Water Content (Karl Fisher)</b>	0.63%
<b>TLC System</b>	n-Butanol/Acetic acid/Water 4/2/2 Chloroform/Methanol/Acetic acid 32% 5/3/1 Chloroform/Methanol/Acetic acid/Water 60/45/14/6 Plate : HPTLC Detected by : UV, Ninhydrin, Chlorine-tolidine
<b>Assay by titration</b>	98.4% (HClO <sub>4</sub> )
<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