

# **Chem-Impex International, Inc.**

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Manufacturing site:

825 Dillon Drive  
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## **Certificate of Analysis**

<b>Catalog Number</b>	06997
<b>Product Name</b>	<b>Ac-4,5-dehydro-Leu-OH</b> Ac-4,5-dehydro-L-leucine
<b>Lot Number</b>	513852
<b>CAS Registry Number</b>	88547-24-4
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>13</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	171.20
<b>Appearance</b>	White product
<b>Solubility</b>	Clear, colorless solution (50 mg/ml in Methanol)
<b>Melting Point</b>	173 °C
<b>CHN-Analysis</b>	
<b>Elemental Analysis (Theory)</b>	C 56.13% H 7.65% N 8.18%
<b>Elemental Analysis (Found)</b>	C 55.88% H 7.76% N 8.26%
<b>Identification (TLC)</b>	Complies with authentic material
<b>Assay by TLC</b>	> 99%
<b>Chloroform/methanol/benzene/H<sub>2</sub>O</b> 8/8/8/1	Detected by: Chlorine-Tolidine
<b>Ethylacetate/pyridine/acetic acid/H<sub>2</sub>O</b> 60/10/3/4	
<b>Chloroform/methanol/acetic acid</b> 85/10/5	
<b>Plate: Silicagel 60 F<sub>254</sub></b>	
<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**

## **Quality Control Manager**