

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	02640
<b>Product</b>	<b>Acetyl-L-tyrosine amide</b>
<b>Lot Number</b>	000127-1031675 Ac-L-Tyr-NH <sub>2</sub>
<b>CAS Number</b>	1948-71-6
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	222.2
<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (50mg/mL in AcOH 80%)
<b>Melting Point</b>	226 °C
<b>Elemental Analysis (Found)</b>	C: 59.01%, H: 6.39%, N: 12.55%
<b>TLC System</b>	Chloroform/Methanol 8/2 Chloroform/methanol/acetic acid 32% 5/3/1 Chloroform/methanol/acetic acid/water: 70/42/0.5/10 Plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>24</sup> = +49.0° (C=1% in water)
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at RT
<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