

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	04369
<b>Product</b>	<i>N</i> <sup>α</sup> -Acetyl-L-lysine amide hydrochloride
<b>Lot Number</b>	001529-504914 Ac-L-Lys-NH <sub>2</sub> •HCl
<b>CAS Number</b>	104584-11-4
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>17</sub> N <sub>3</sub> O <sub>2</sub> •HCl
<b>Molecular Weight</b>	223.7

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear coloured solution (5% in MeOH)
<b>Melting Point</b>	142 - 144 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = - 6.8° (C=1 in MeOH)
<b>Titration</b>	16.3% Chloride content (0.1m AgNO <sub>3</sub> )
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at 0-8°C

**Remarks** 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