

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	24148
<b>Lot Number</b>	100315-16707
<b>Product</b>	<b>N-Acetyl-D-Glutamic Acid</b>
<b>CAS Number</b>	19146-55-5
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>11</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	189.17

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<b>Appearance</b>	White powder
<b>Solubility</b>	0.1 gram in 3 ml MeOH + 3 ml H <sub>2</sub> O clear solution
<b>Melting Point</b>	187.1-187.7 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +12.7° (C=1 in DMF)
<b>Analysis by Mass Spectra</b>	Conforms to structure
<b>Purity by HPLC</b>	98.79%
<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