



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

**Catalogue Number** 04-151  
**Lot Number** 000424-180417-11845  
**Product** **L-Alanine 4-nitroanilide hydrochloride**

L-Ala-pNA•HCl

**CAS Number** 31796-55-1  
**Molecular Formula**  $C_9H_{11}N_3O_3 \cdot HCl$

**Molecular Weight** 245.7

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**Appearance** Light yellowish powder  
**Infrared Spectrum** Conforms to structure  
**Analysis by Mass Spectra** Conforms to standard  
**<sup>1</sup>H NMR** Conforms to structure  
**Purity by HPLC** 99.94%  
**Storage** Store at 0-8 °C

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Director of Operations

Reviewed and approved by:  
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S. Moton  
VP