



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalogue Number 04-103  
Lot Number 000424-140308-13509  
Product **Acetyl-L-tryptophan amide**

Ac-L-Trp-NH<sub>2</sub>

CAS Number 2382-79-8  
Molecular Formula C<sub>13</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>  
Molecular Weight 245.3

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Appearance	White powder
Solubility	Clear solution (0.1 g in 4 mL DMF)
Melting Point	190.1-191.9 °C
Optical Rotation	[α] <sub>D</sub> <sup>20</sup> = -6.2° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.60% (80 °C/ 2 hr)
<sup>1</sup> H NMR	Conforms to structure
Purity by HPLC	99.17%
Storage	Store at RT

Prepared by:  
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VP