



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalogue Number 04-1901  
Lot Number 000424-200525-11870  
Product **L-Leucine 7-amido-4-methylcoumarin hydrochloride**

L-Leucine 7-amido-4-methylcoumarin hydrochloride

CAS Number 62480-44-8  
Molecular Formula  $C_{16}H_{20}N_2O_3 \cdot HCl$   
Molecular Weight 324.9

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Appearance White to off-white powder  
Solubility Clear solution (0.3 g in 2 mL water)  
Melting Point 257.0 - 262.4 °C  
Optical Rotation  $[\alpha]_D^{20} = 64^\circ$  (C=0.3 in MeOH)  
Infrared Spectrum Conforms to structure  
Analysis by Mass Spectra Conforms to standard  
 $^1H$  NMR Conforms to structure  
Purity by HPLC 99.18%  
Storage Store at 0 - 8 °C

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