


**INDOFINE CHEMICAL COMPANY, INC.**  
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### *Certificate of Analysis*

Catalogue Number 04-1901  
 Product **L-Leucine 7-amido-4-methylcoumarin hydrochloride**  
 Lot Number 000129-13196  
 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

Appearance White crystalline powder  
 Melting Point 268-269 °C  
 Optical Rotation  $[\alpha]_{D^{20}} = +62.60$  (C=1 in MeOH)  
 Assay by titration 98.2%  
 Purity by HPLC 99.9%  
 Purity by TLC > 99%  
 Storage Store at 0-8 °C