

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-19 17:42:24  
Date of Next Testing: 2025-09-18 17:42:24  
Product Name: **L-Leucine-7-amido-4-methylcoumarin hydrochloride**  
CAS Number: 62480-44-8  
Specifications & Purity:  $\geq 99\%$  (HPLC)  
Lot #: I2313438  
SKU #: **L131532**  
**Analysis: 259418**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.49100 %
Nitrogen by Elemental Analysis	8.3-8.9 (%)	8.50 %
Water by Karl Fischer	0-6 (%)	3.41 %
Carbon by Elemental Analysis	58-60.4 (%)	59.63 %
Appearance (L131532)	white to white with a light yellow cast powder	white to white with a light yellow cast powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su  
QA & QC Manager