

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-18 12:57:40  
Date of Next Testing: 2026-06-18 12:57:40  
Product Name: **L-Leucine-7-amido-4-methylcoumarin hydrochloride**  
CAS Number: 62480-44-8  
Specifications & Purity:  $\geq 99\%$  (HPLC)  
Lot #: H2217474  
SKU #: **L131532**  
Version: **0**  
Analysis #: **370889**  
Storage Temperature: Store at -20°C

| Parameter                      | Limit Values                                   | Result   |
|--------------------------------|--|--|
| Purity(HPLC)                   | 99-100 (%)                                     | 99.50000 %                                     |
| Nitrogen by Elemental Analysis | 8.3-8.9 (%)                                    | 8.40 %   |
| Water by Karl Fischer          | 0-6 (%)  | 3.80 %   |
| Carbon by Elemental Analysis   | 58-60.4 (%)                                    | 59.00 %  |
| 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