

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-22 16:47:43

Date of Next Testing: 2027-09-21 16:47:43

Product Name: **Coumarin 6**

CAS Number: 38215-36-0

Specifications &amp; Purity: &gt;98.0%(HPLC)

Lot #: I2319233

SKU #: **C100929**Version: **0**Analysis #: **251222**

| Parameter                      | Limit Values                                       | Result   |
|--------------------------------|--|--|
| Nitrogen by Elemental Analysis | 7.7-8.3 (%)  | 7.80 %   |
| Purity(HPLC)                   | 98-100 (%)   | 99.89000 %   |
| Carbon by Elemental Analysis   | 66.8-70.3 (%)                                      | 66.90 %  |
| Melting point                  | 206-210 (°C)                                       | 206.20000 °C                                       |
| Appearance (C100929)           | Light Orange to Very Dark Orange Powder or Crystal | Light Orange to Very Dark Orange Powder or Crystal |
| Infrared spectrum              | Conforms to Structure                              | Conforms to Structure                              |
| Proton NMR spectrum            | Conforms to Structure                              | Conforms to Structure                              |

John Su  
QA & QC Manager