

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-22 14:16:55

Date of Next Testing: 2028-04-21 14:16:55

Product Name: **Coumarin 6**

CAS Number: 38215-36-0

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

Lot #: D2419079

SKU #: **C100929****Analysis: 092908**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	7.7-8.3 (%)	7.90 %
Purity(HPLC)	98-100 (%)	99.21800 %
Carbon by Elemental Analysis	66.8-70.3 (%)	70.10 %
Melting point	206-210 (°C)	207.63000 °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