

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-27 15:23:11
Date of Next Testing: 2028-04-26 15:23:11
Product Name: **6,7-Dihydroxycoumarin**
CAS Number: 305-01-1
Specifications & Purity: Moligand™, ≥98%
Lot #: C2426150
SKU #: **D118867**
Version: **1**
Analysis #: **325304**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|--|-------------------------------|-------------------------------|
| Molar absorbancy index (1)(UV method 0.01 g/l, etoh) | ≥10000 | 10023.50000 |
| Purity(Neutralization titration) | 97.5-102.5 (%) | 100.86000 % |
| Purity(HPLC) | 98-100 (%) | 99.09500 % |
| Wavelength(UV) | 347-353 (nm) | 351.28000 nm |
| Appearance (D118867) | yellow to yellow-green powder | yellow to yellow-green powder |
| Solubility in MeOH , Colorless to Yellow to Green-Yellow,Clear,10mg/ml | pass | Pass |
| NMR Spectrum 1H | Conforms to Structure | Conforms to Structure |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager