

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-06 15:50:00  
 Date of Next Testing: 2029-03-05 15:50:00  
 Product Name: **6,7-Dihydroxycoumarin**  
 CAS Number: 305-01-1  
 Specifications & Purity: Moligand™, ≥98%  
 Lot #: G1731067  
 SKU #: **D118867**  
 Version: **1**  
 Analysis #: **478097**  
 Storage Temperature: Room temperature

| Parameter                                                              | Limit Values                  | Result                        |
|------------------------------------------------------------------------|-------------------------------|-------------------------------|
| Molar absorbancy index (1)(UV method 0.01 g/l, etoh)                   | ≥10000                        | 10000.00000                   |
| Purity(Neutralization titration)                                       | 97.5-102.5 (%)                | 100.00000 %                   |
| Purity(HPLC)                                                           | 98-100 (%)                    | 99.68000 %                    |
| Wavelength(UV)                                                         | 347-353 (nm)                  | 349.00000 nm                  |
| Appearance (D118867)                                                   | yellow to yellow-green powder | yellow to yellow-green powder |
| Infrared spectrum                                                      | Conforms to Structure         | Conforms to Structure         |
| Solubility in MeOH , Colorless to Yellow to Green-Yellow,Clear,10mg/ml | pass                          | Pass                          |
| NMR Spectrum 1H                                                        | Conforms to Structure         | Conforms to Structure         |



John Su  
QA & QC Manager