

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-27 16:10:21  
Date of Next Testing: 2028-09-26 16:10:21  
Product Name: **6,7-Dihydroxycoumarin**  
CAS Number: 305-01-1  
Specifications & Purity: Moligand™, ≥98%  
Lot #: I2424036  
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	10023.50
Purity(Neutralization titration)	97.5-102.5 (%)	100.86 %
Purity(HPLC)	98-100 (%)	99.09500 %
Wavelength(UV)	347-353 (nm)	351.28 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