

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-27 15:20:16  
Date of Next Testing: 2028-05-26 15:20:16  
Product Name: **Chrysin**  
CAS Number: 480-40-0  
Specifications & Purity: Moligand™, ≥98%  
Lot #: E2423204  
SKU #: **C110079**  
Version: **0**  
Analysis #: **353253**

Parameter	Limit Values	Result
Extinction Coefficient(259 - 267 nm)(in 0.1 N NaOH)	≥20000	20699.82
Extinction Coefficient(278 - 286 nm)(in 0.1 N NaOH)	≥22000	24071.66
Extinction Coefficient(344 - 352 nm)(in 0.1 N NaOH)	≥8000	9195.91
Purity(HPLC)	98-100 (%)	99.18400 %
Extinction Coefficient(220 - 228 nm)(in 0.1 N NaOH)	≥27000	29841.65
Melting point	285-289 (°C)	288.98000 °C
Appearance (C110079)	Yellow to Yellow-Green to Tan Powder or Solid	Yellow to Yellow-Green to Tan Powder or Solid
Solubility in Pyridine , Yellow to Amber,Clear to Slightly Hazy,c = 50mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager