

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-09 16:52:57

Date of Next Testing: 2027-06-08 16:52:57

Product Name: **Chrysin**

CAS Number: 480-40-0

Specifications & Purity: 98%

Lot #: F2305943

SKU #: **C110079****Analysis: 092822**

| Parameter | Limit Values | Result |
|---|--|--|
| Extinction Coefficient(344 - 352 nm)(in 0.1 N NaOH) | ≥8000 | 8593.31 |
| Purity(HPLC) | 98-100 (%) | 99.90200 % |
| Extinction Coefficient(259 - 267 nm)(in 0.1 N NaOH) | ≥20000 | 20001.12 |
| Melting point | 285-289 (°C) | 288.98000 °C |
| Extinction Coefficient(278 - 286 nm)(in 0.1 N NaOH) | ≥22000 | 22717.57 |
| Extinction Coefficient(220 - 228 nm)(in 0.1 N NaOH) | ≥27000 | 29661.33 |
| Appearance (C110079) | Yellow to Yellow-Green to Tan Powder or Solid | Yellow to Yellow-Green to Tan Powder or Solid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in Pyridine , Yellow to Amber,Clear to Slightly Hazy,c = 50mg/ml | pass | Pass |

John Su
QA & QC Manager