

Certificate of Analysis

Date of Testing: 2025-01-06 15:08:23
Date of Next Testing: 2029-01-05 15:08:23
Product Name: **Chrysin**
CAS Number: 480-40-0
Specifications & Purity: Moligand™, ≥98%
Lot #: L2425261
SKU #: **C110079**
Version: **0**
Analysis #: **378161**

| Parameter | Limit Values | Result |
|---|--|--|
| Extinction Coefficient(259 - 267 nm)(in 0.1 N NaOH) | ≥20000 | 25961.81 |
| Extinction Coefficient(278 - 286 nm)(in 0.1 N NaOH) | ≥22000 | 25961.82 |
| Extinction Coefficient(344 - 352 nm)(in 0.1 N NaOH) | ≥8000 | 9900.69 |
| Extinction Coefficient(220 - 228 nm)(in 0.1 N NaOH) | ≥27000 | 31804.45 |
| Melting point | 285-289 (°C) | 288.87000 °C |
| Purity(HPLC) | 98-100 (%) | 98.56600 % |
| 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