



CERTIFICATE OF ANALYSIS

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1. Identification

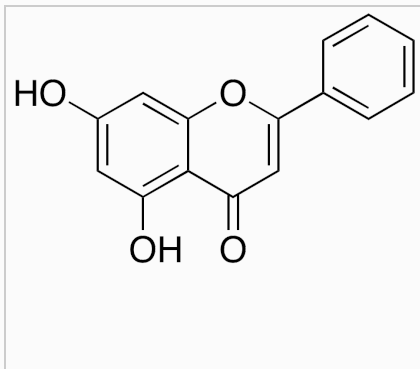
Catalogue Number: C432730

CAS Number: 480-40-0

Product: Chrysin

Synonym: 5,7-Dihydroxy-2-phenyl-4H-1-benzopyran-4-one; 5,7-Dihydroxy-2-phenylchromen-4-one; 5,7-Dihydroxyflavone; Chrysin; NSC 407436;

Structure:



Molecular Formula:

C₁₅H₁₀O₄

Molecular weight:

254.24

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 21-GHZ-55-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|-------------|-----------------------|--------------------|
| Appearance | Light Yellow Solid | Light Yellow Solid |
| NMR | Conforms to Structure | Conforms |
| MS | Conforms to Structure | Conforms |
| HPLC Purity | >95% | 99.87% (265 nm) |

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with UV and AMCS; Single Spot, R_f = 0.75.

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|-------------|-------------|--------------------|-----------|-------------|
| Neha Khanna | Eric Beaton | My Nguyen | 11/5/2019 | 11/3/2026 |