

CERTIFICATE OF ANALYSIS

For Laboratory Use Only

Product name

Fisetin

Other names

2-(3,4-Dihydroxyphenyl)-3,7-dihydroxy-4H-chromen-4-one;
3,3',4',7-Tetrahydroxyflavone; 5-Desoxyquercetin; Cotinin; Fustel; Viset; Fietin

CAS

528-48-3

Catalog No.

FLV-27-5

Formula

C₁₅H₁₀O₆

Molecular mass

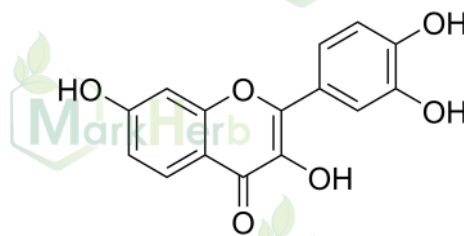
286.24 g/mol

Date of sample

31/03/2022

Date of report

08/04/2022



Structure

ANALYTICAL RESULTS

| Test | Method | Specification | Result |
|---------------|---|----------------|----------------|
| Appearance | NA | Yellow, powder | Yellow, powder |
| Purity | UPLC-PDA | > 95% | 98.22% |
| UV spectrum | UPLC-PDA | 248 nm, 358 nm | 248 nm, 358 nm |
| Mass spectrum | UPLC-TQD MS | Conforms | Conforms |
| NMR | ¹ H-NMR, ¹³ C-NMR | Conforms | Conforms |

NA, not available

STORAGE CONDITIONS

Storage

Room temperature in a dry place, keep away from direct light

Transport

Room temperature

Digitally signed by
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Date: 08.04.2022
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