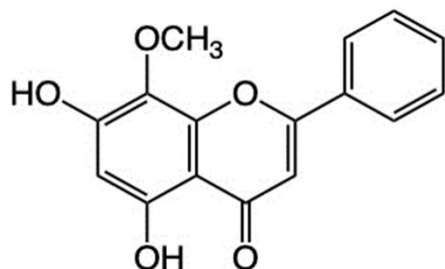


## Certificate of Analysis

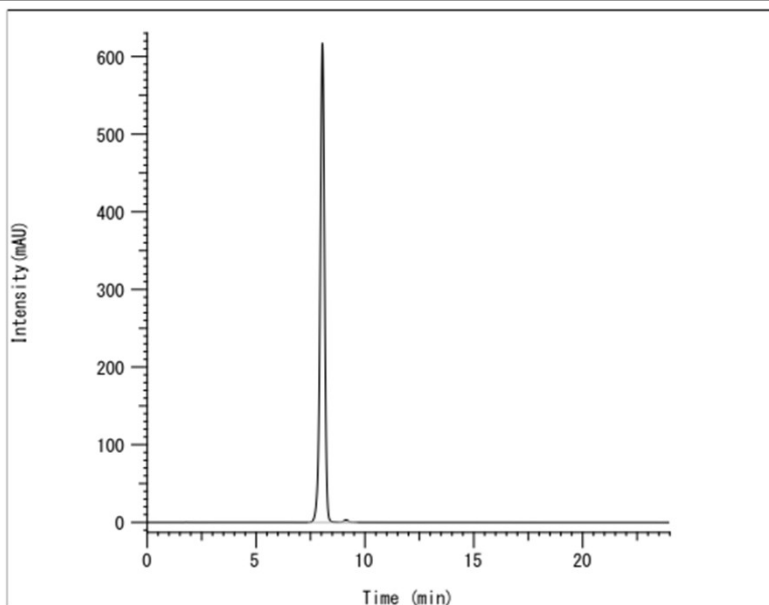
|               |               |                    |                  |
|---------------|---------------|--------------------|------------------|
| Product No.   | 07            | Product Name       | <b>Wogonin</b>   |
| Lot. No.      | <b>072307</b> | Unit Quantity      | 20mg             |
| Analysis Date | 2023-06-26    | Storage Conditions | Room temperature |

C<sub>16</sub>H<sub>12</sub>O<sub>5</sub>

MW : 284.26

CAS RN: 632-85-9

This product conforms to the specifications in the 19th edition of the Japanese Pharmacopoeia, Reagents, Test Solutions, "Wogonin for thin-layer chromatography".



| Retention time | Peak area | %      |
|----------------|-----------|--------|
| 8.047          | 8649830   | 99.48  |
| 9.133          | 45061     | 0.52   |
| Total          | 8694891   | 100.00 |

|                    |                                                |
|--------------------|------------------------------------------------|
| Area percentage    | : Not less than 99.0%                          |
| Detector           | : An ultraviolet absorption photometer (280nm) |
| Column             | : Wakosil- II 5C18 HG (4.6 × 150mm)            |
| Column temperature | : A constant temperature of about 40°C.        |

|                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                     |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Purity (HPLC)                                                                                                                                                                  | Mobile phase : A mixture of 0.1mol/L phosphate buffer solution(pH2.1) and methanol (2 : 3).<br>Flow rate : Adjust so that the retention time of wogonin is about 8 minutes.<br>Time span of the retention time of measurement : About 3 times as long as wogonin, beginning after the solvent peak. | Passed (99.5%) |
| Description                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     | Passed         |
| Identification                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                     | Passed         |
| Purity Related substances (TLC)                                                                                                                                                |                                                                                                                                                                                                                                                                                                     | Passed         |
| Precautions<br>Order quantities that can be used immediately, and after receipt of a reference standard, store it at the specified temperature and use it as soon as possible. |                                                                                                                                                                                                                                                                                                     |                |
| Expiration Date                                                                                                                                                                | April 2027(unopened)                                                                                                                                                                                                                                                                                |                |

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