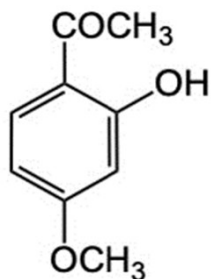


## Certificate of Analysis

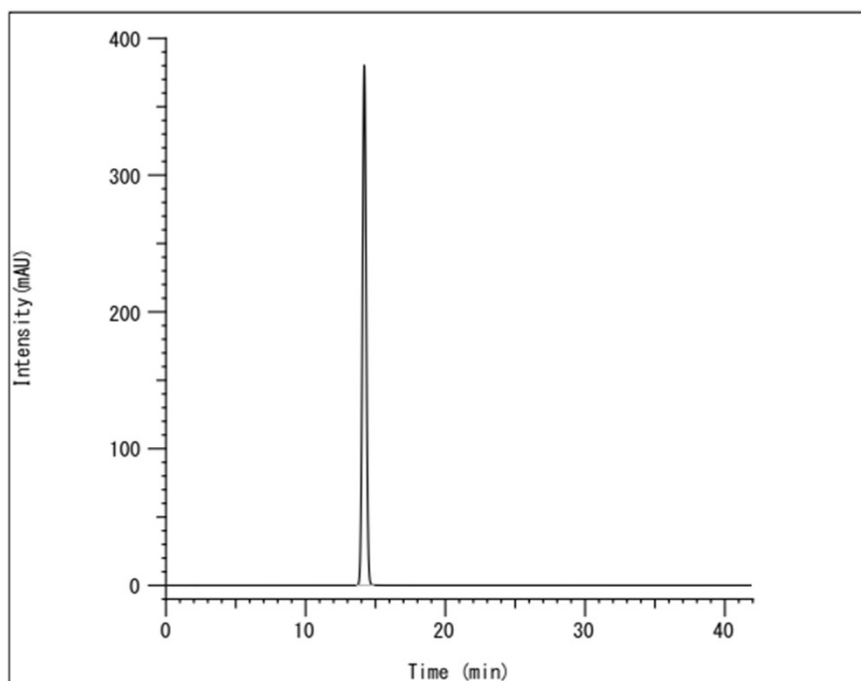
|               |               |                    |                  |
|---------------|---------------|--------------------|------------------|
| Product No.   | 32            | Product Name       | <b>Paeonol</b>   |
| Lot. No.      | <b>322301</b> | Unit Quantity      | 20mg             |
| Analysis Date | 2023-08-07    | Storage Conditions | Room temperature |

C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>

MW : 166.17

CAS RN: 552-41-0

This product conforms to the specifications in the 18th edition of the Japanese Pharmacopoeia ,  
Reagents, Test Solutions, " Paeonol for assay" and "Paeonol for thin-layer chromatography".



| Retention time | Peak area | %      |
|----------------|-----------|--------|
| 14.200         | 7094192   | 100.00 |
| Total          | 7094192   | 100.00 |

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Area percentage    | : Not less than 99.0%                           |
| Detector           | : An ultraviolet absorption photometer (274 nm) |
| Column             | : Wakosil- II 5C18 HG (4.6×150mm)               |
| Column temperature | : A constant temperature of about 20°C.         |

|                                                                                                                                                                                |                                                                                                                                                                                                                                                             |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Purity (HPLC)                                                                                                                                                                  | Mobile phase : A mixture of water, acetonitrile, and acetic acid (100) (65:35:2).<br>Adjust so that the<br>Flow rate : retention time of paeonol is about 14 minutes.<br>Time span of About 3 times as long as measurement : the retention time of paeonol. | Passed (100%) |
| Assay(qNMR)                                                                                                                                                                    |                                                                                                                                                                                                                                                             | 99.8%         |
| Unity of peak                                                                                                                                                                  |                                                                                                                                                                                                                                                             | Passed        |
| Water (by coulometric titration)                                                                                                                                               |                                                                                                                                                                                                                                                             | 0.3%          |
| Description                                                                                                                                                                    |                                                                                                                                                                                                                                                             | 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                                                                                                                                                                | January 2027 (unopened)                                                                                                                                                                                                                                     |               |

IWASHIMA YAKUHIN Co., Ltd.

4-201, Sakurazaka, Moriyama-ku, Nagoya City, Aichi Prefecture 463-0018, Japan

TEL : +81-52-715-5601 FAX : +81-52-715-5602