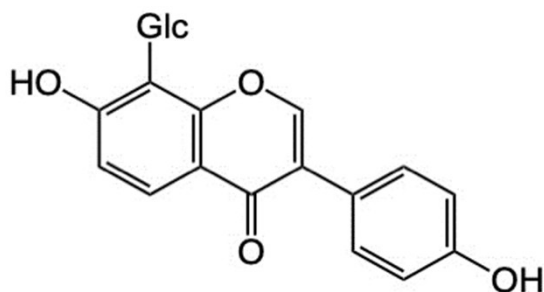


## Certificate of Analysis

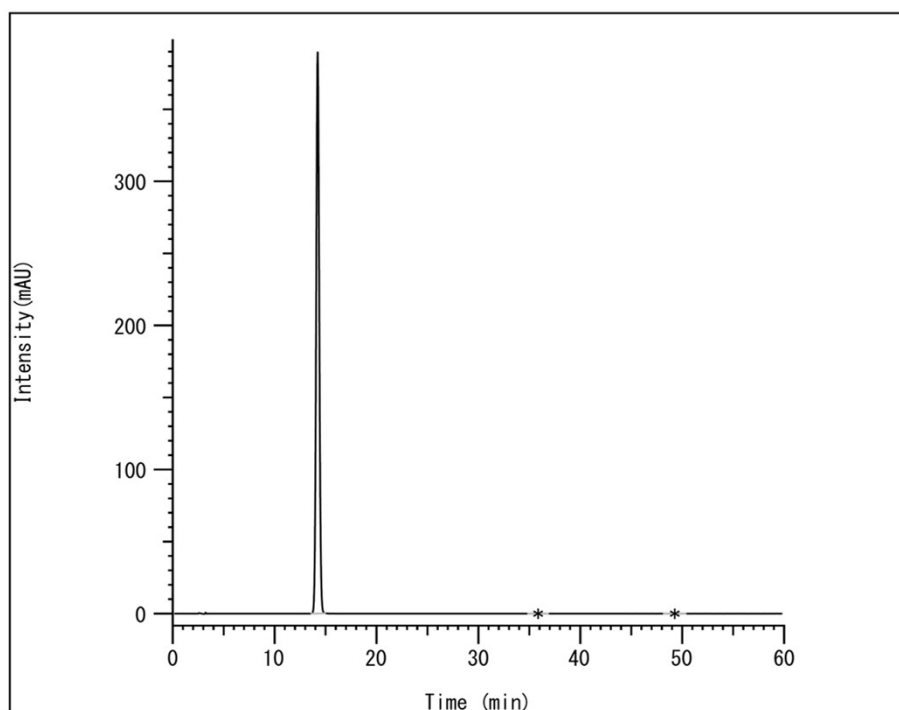
Product No.	29	Product Name	<b>Puerarin</b>
Lot. No.	<b>292312</b>	Unit Quantity	20mg
Analysis Date	2023-12-04	Storage Conditions	Room temperature

C<sub>21</sub>H<sub>20</sub>O<sub>9</sub>

MW : 416.38

CAS RN: 3681-99-0

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



Retention time	Peak area	%
14.227	8201961	99.64
35.857	15897	0.19
49.193	13396	0.16
Total	8231254	100.00

Area percentage : Not less than 99.0%

Detector : An ultraviolet absorption photometer (250nm)

Purity Related substances (HPLC)	Column : Wakosil- II 5C18 HG ( $\phi$ 4.6 $\times$ 150mm) Column temperature : A constant temperature of about 40°C. Mobile phase : A mixture of 0.05 mol/L sodium dihydrogen phosphate TS and acetonitrile (9 : 1) . Flow rate : Adjust so that the retention time of puerarin is about 15 minutes.	Passed (99.6%)
Description		Passed
Identification (IR)		Passed
Purity Related substances (TLC)		Passed
Water (by coulometric titration)		4.1%
Precautions 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	December 2027(unopened)	

IWASHIMA YAKUHI Co., Ltd.

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

TEL : +81-52-715-5601

FAX : +81-52-715-5602