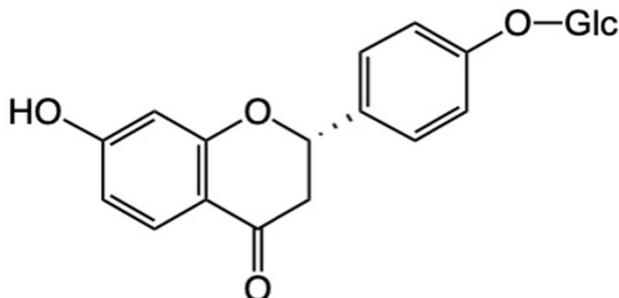


Certificate of Analysis

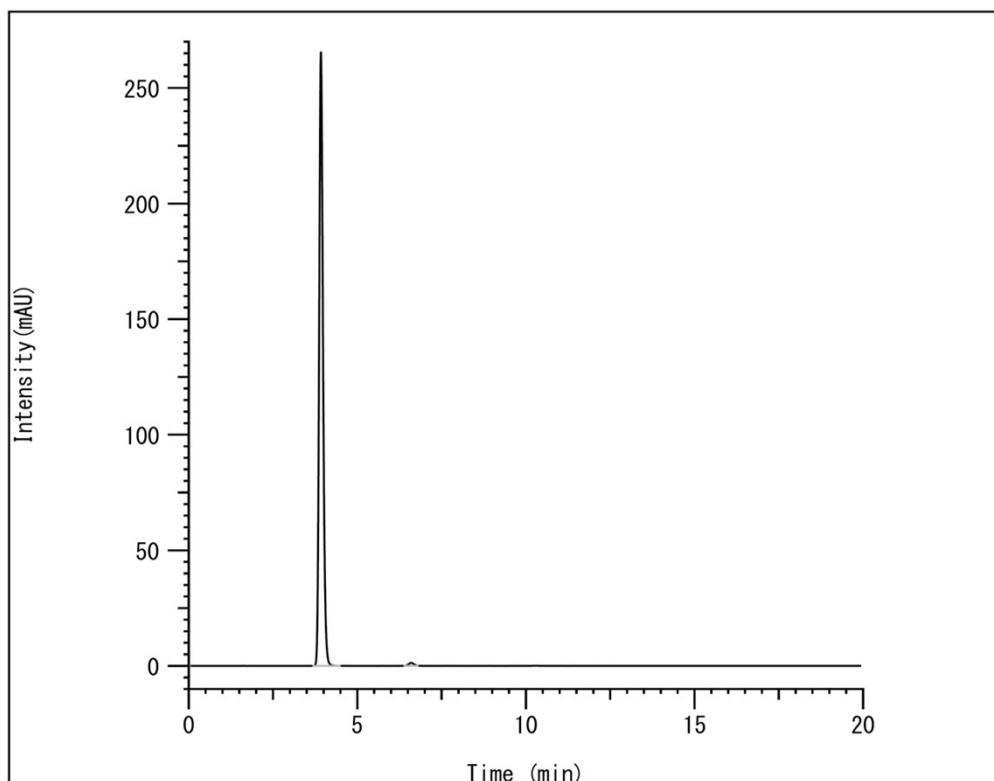
Product No.	40	Product Name	Liquiritin
Lot. No.	402402	Unit Quantity	20mg
Analysis Date	2024-02-20	Storage Conditions	Room temperature

 $C_{21}H_{22}O_9$

MW : 418.39

CAS RN:551-15-5

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



Retention time	Peak area	%
3.920	2111080	99.36
6.600	13623	0.64
Total	2124703	100.00

Purity Related substances (HPLC)	Area percentage	: Not less than 98.0%	Passed (99.4%)
	Detector	: An ultraviolet absorption photometer (257nm)	
	Column	: Wakosil- II 5C18 HG (4.6 × 150mm)	

Column temperature :	A constant temperature of about 40°C.
Mobile phase :	A mixture of 2% acetic acid and acetonitrile (8 : 2) .
Flow rate :	Adjust so that the retention time of Liquiritin is about 4 minutes.
Description	Passed
Identification (UV)	Passed
Purity Related substances (TLC)	Passed
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	February 2028 (unopened)

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