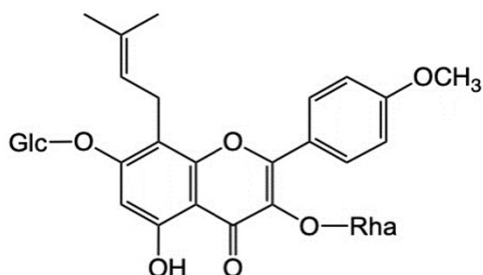


Certificate of Analysis

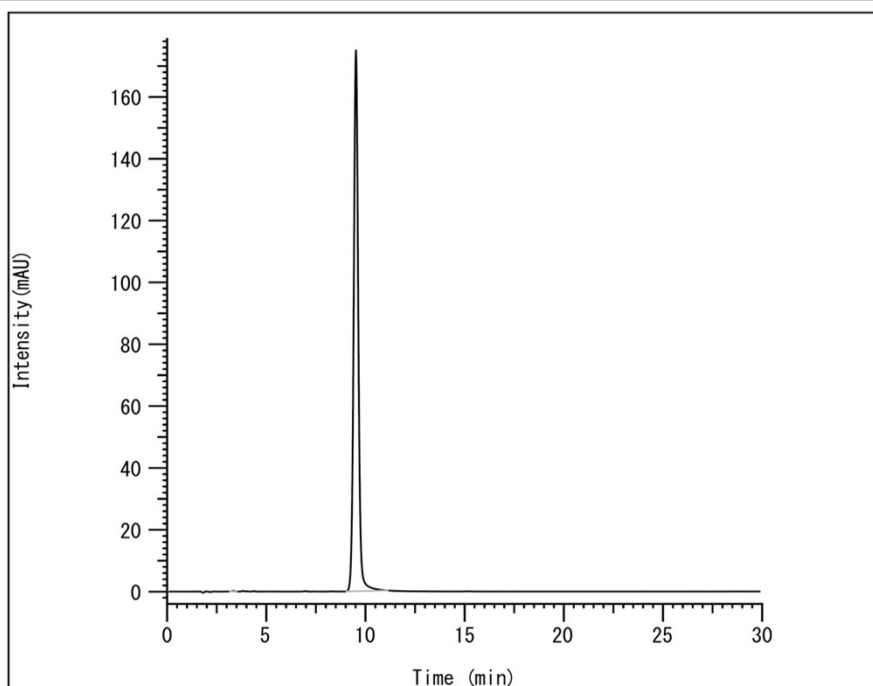
Product No.	04	Product Name	Icariin
Lot. No.	042510	Unit Quantity	20mg
Analysis Date	2025-10-24	Storage Conditions	Room temperature

C₃₃H₄₀O₁₅

MW : 676.66

CAS RN: 489-32-7

This product conforms to the specifications in the 19th edition of the Japanese Pharmacopoeia , Reagents, Test Solutions, "Icariin for thin-layer chromatography" and in the The Japanese standards for non-Pharmacopoeial crude drugs 2022, "Icariin for assay".



Retention time	Peak area	%
3.363	2381	0.08
9.523	2826458	99.92
Total	2828839	100.00

Purity (HPLC)	Area percentage	: Not less than 99.0%	Passed (99.9%)
	Detector	: An ultraviolet absorption photometer (270nm)	
	Column	: Wakosil- II 5C18 HG (4.6 × 150mm)	
	Column temperature	: A constant temperature of about 40°C.	
	Mobile phase	: A mixture of water and acetonitrile (73 : 27).	

	Ajust so that the Flow rate : retention time of icariin is about 9 minutes. About 3 times as long as Time span of the retention time of measurement : icariin, beginning after the solvent peak.	
Description		Passed
Purity Related substances (TLC)		Passed
Absorbance $E_{1\text{cm}}^{1\%}$ (270nm) : 374 ~ 413		Passed (395)
Water (by coulometric titration)		1.5%
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	January 2030(unopened)	

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