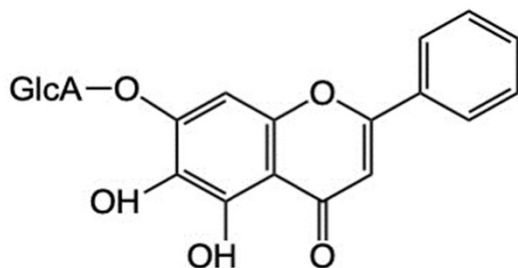


Certificate of Analysis

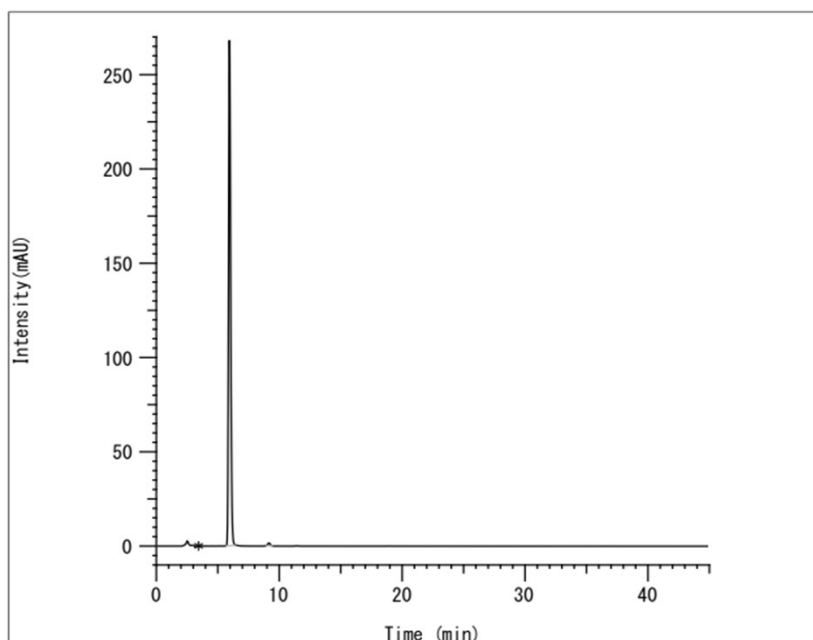
Product No.	24	Product Name	Baicalin
Lot. No.	242304	Unit Quantity	20mg
Analysis Date	2023-04-24	Storage Conditions	Refrigerate ($\leq 10^{\circ}\text{C}$)

C₂₁H₁₈O₁₁

MW : 446.4

CAS RN: 21967-41-9

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



Retention time	Peak area	%
3.400	2598	0.08
5.953	3134568	99.22
9.163	22108	0.70
Total	3159274	100.00

Area percentage : Not less than 99.0%

Detector : An ultraviolet absorption photometer (277nm)

Column : Wakosil- II 5C18 HG (4.6 × 150mm)

Column temperature : A constant temperature of about 50°C.

Purity (HPLC)	A mixture of diluted Mobile phase : phosphoric acid (1 in 146) and acetonitrile Adjust so that the Flow rate : retention time of baicalin is about 6 minutes. About 7 times as long as Time span of the retention time of measurement : baicalin, beginning after the solvent peak.	Passed (99.2%)
Description		Passed
Identification (IR)		Passed
Absorbance $E_{1cm}^{1\%}$ (277nm) : 589~639		Passed (614)
Purity Related substances (TLC)		Passed
Water (by coulometric titration)		3.8%
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	April 2027(unopened)	

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