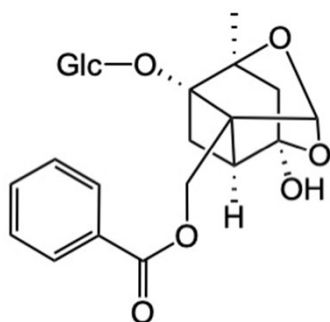


Certificate of Analysis

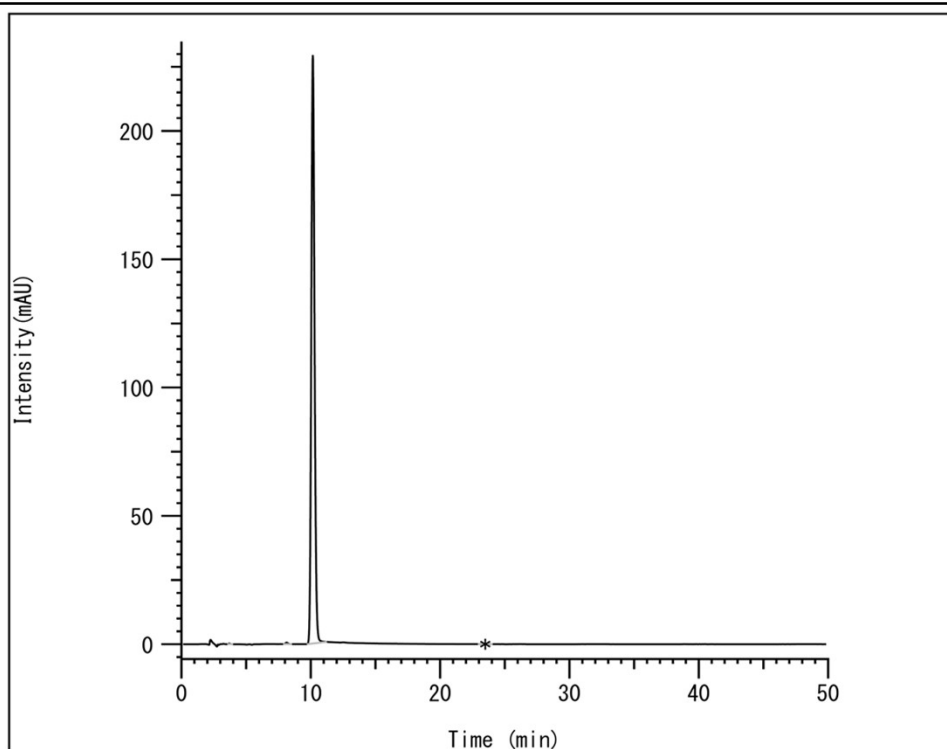
Product No.	31	Product Name	Paeoniflorin
Lot. No.	312404	Unit Quantity	20mg
Analysis Date	2024-04-16	Storage Conditions	Room temperature


 $C_{23}H_{28}O_{11}$

MW : 480.46

CAS RN: 23180-57-6

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



Retention time	Peak area	%
3.693	2715	0.07
8.130	8590	0.22
10.160	3977991	99.67
23.390	2063	0.05
Total	3991359	100.00

Area percentage	: Not less than 99.0%
Detector	: An ultraviolet absorption photometer (232nm)
Column	: Wakosil- II 5C18 HG (ϕ 4.6 $\times$ 150mm)

Purity Related substances (HPLC)	Column temperature : Mobile phase : Flow rate :	A constant temperature of about 20°C. A mixture of water, acetonitrile and phosphoric acid (850 : 150 : 1). Adjust so that the retention time of paeoniflorin is about 10 minutes.	Passed (99.7%)
Description			Passed
Identification (IR)			Passed
Absorbance $E_{1\text{cm}}^{1\%}$ (230nm) : 250~270			Passed (264)
Purity Related substances (TLC)			Passed
Water (by coulometric titration)			2.3%
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 2026 (unopened)		

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