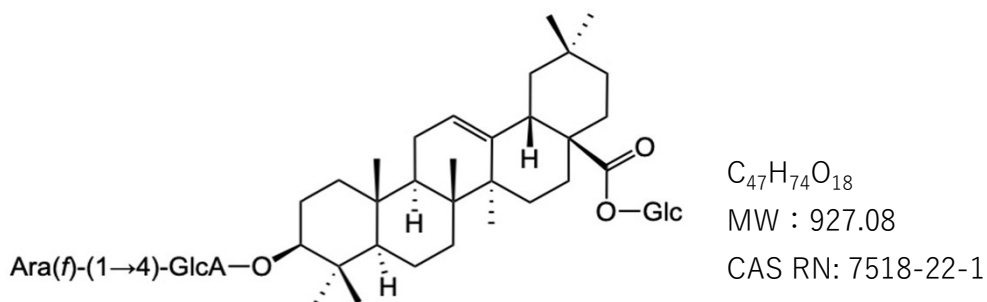
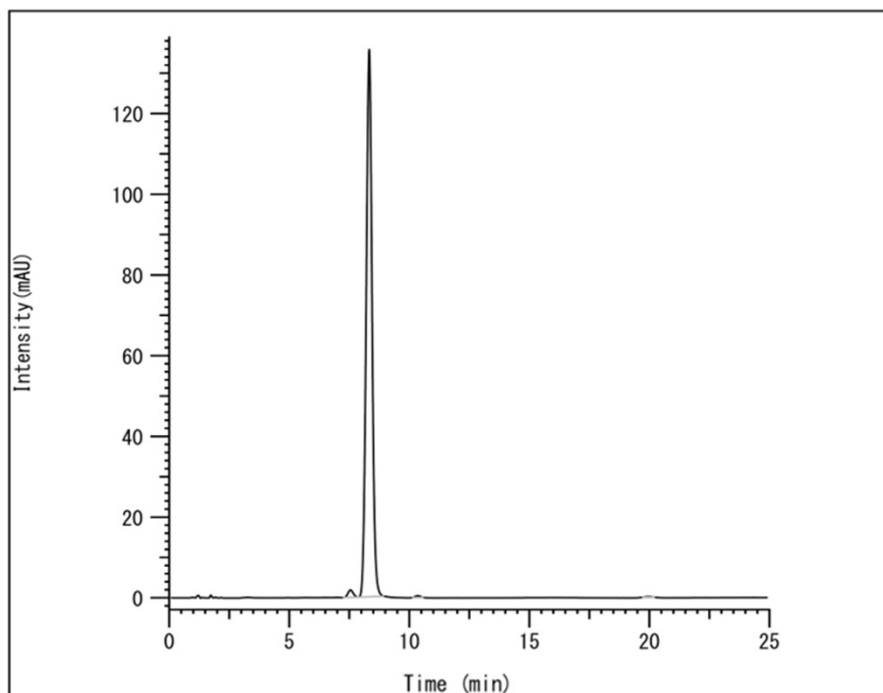


Certificate of Analysis

Product No.	23	Product Name	Chikusetsusaponin IV
Lot. No.	232609	Unit Quantity	20mg
Analysis Date	2026-09-28	Storage Conditions	Refrigerate ($\leq 10^{\circ}$ C)



This product conforms to the specifications in the 19th edition of the Japanese Pharmacopoeia, Reagents, Test Solutions, " Chikusetsusaponin IV for thin-layer chromatography".



Retention time	Peak area	%
7.553	27876	1.20
8.333	2285898	98.37
10.350	6958	0.30
19.933	3126	0.14
Total	2323858	100.00

Area percentage	:	Not less than 98.0%
Detector	:	An ultraviolet absorption photometer (203nm)
Column	:	TSKgel ODS-80Ts (ϕ 4.6 × 150mm)

Purity Related substances (HPLC)	Column temperature :	A constant temperature of about 40°C.	Passed (98.4%)
	Mobile phase :	A mixture of water, acetonitrile and phosphoric acid (650:350:1).	
	Flow rate :	1.0mL/min	
	Time span of measurement :	About 3 times as long as the retention time of Chikusetsusaponin IV, beginning after the solvent peak.	
Description			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. The expiration date will be set sequentially based on the results of stability testing.			

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