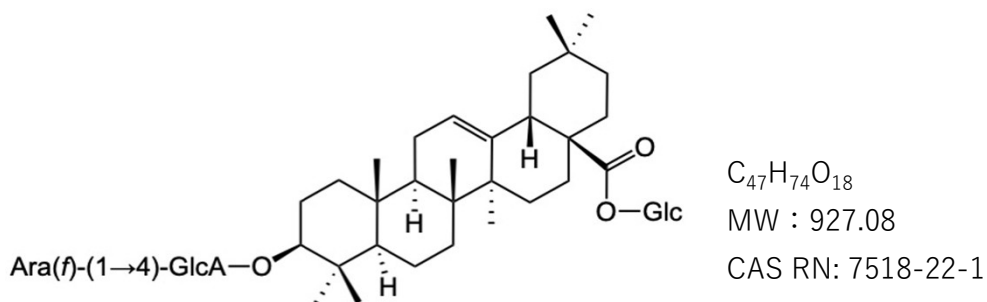
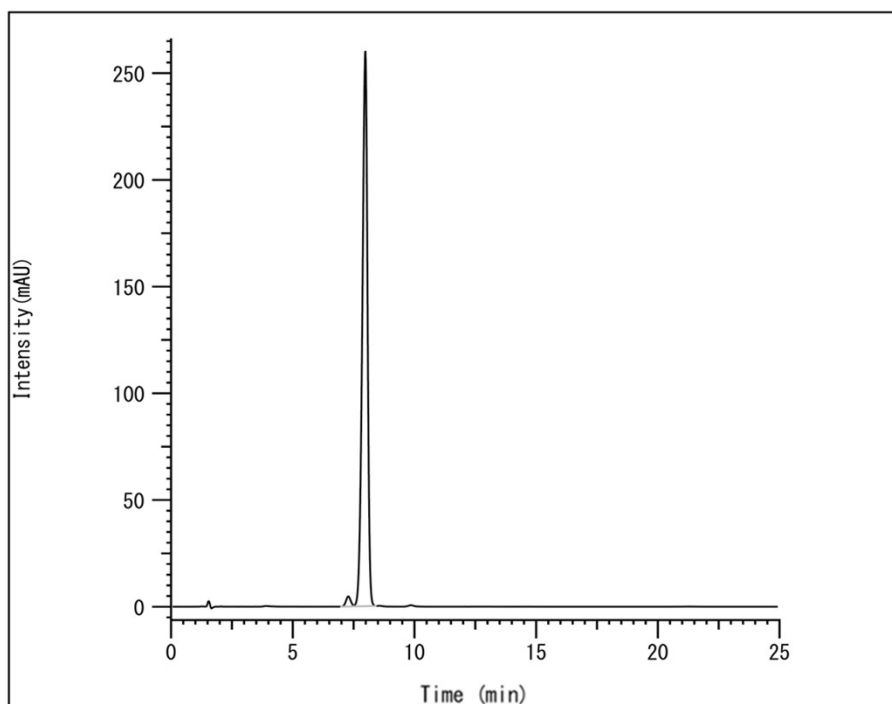


Certificate of Analysis

Product No.	23	Product Name	Chikusetsusaponin IV
Lot. No.	232412	Unit Quantity	20mg
Analysis Date	2024-12-04	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	%
7.283	64862	1.66
7.983	3849785	98.34
Total	3914647	100.00

Area percentage	: Not less than 98.0%
Detector	: An ultraviolet absorption photometer (203nm)
Column	: Wakosil- II 5C18 HG (ϕ 4.6 × 150mm)

Purity Related substances (HPLC)	Column temperature : A constant temperature of about 40°C. 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.	Passed (98.3%)
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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