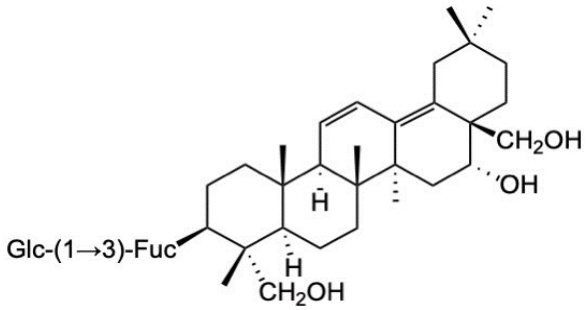
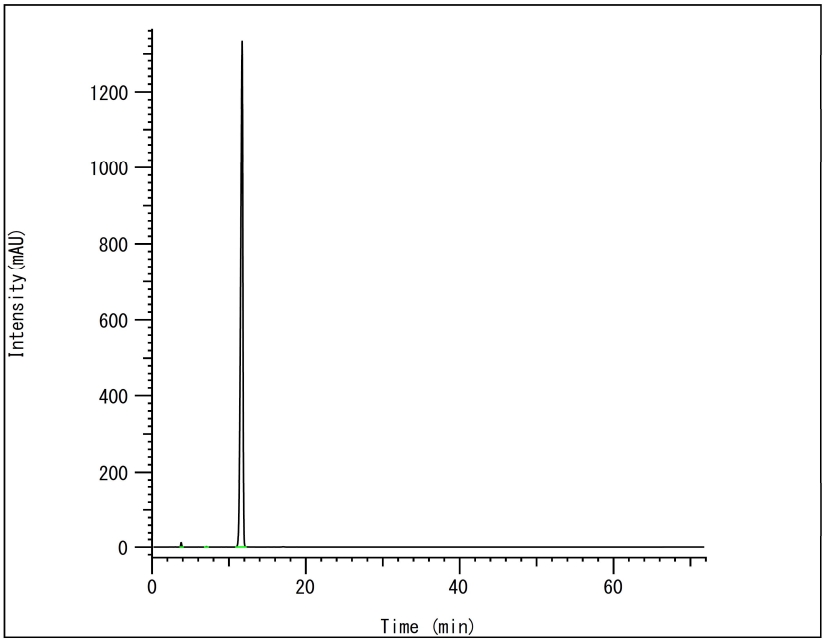
Certificate of Analysis

Product No.	15	Product Name	**Saikosaponin b2**	
Lot. No.		**152310**	Unit Quantity	20mg
Analysis Date		2023-11-02	Storage Conditions	Refrigerate (≤10° C)



$C_{42}H_{68}O_{13}$
MW：780.98
CAS RN: 58316-41-9

This product conforms to the specifications in the 18th edition of the Japanese Pharmacopoeia, Reagents, Test Solutions, " Saikosaponin b2 for assay" and " Saikosaponin b2 for thin-layer chromatography".



Retension time	Peak area	%
3.787	109216	0.40
7.090	15845	0.06
11.713	27191311	99.54
Total	27316372	100.00

Area percentage	：	Not less than 99.0%
Detector	：	An ultraviolet absorption photometer（254nm）
Column	：	Wakosil- II 5C18 HG （4.6×150mm）
Column temperature：		A constant temperature of about 40°C.

Purity Related substances（HPLC）	Mobile phase： Flow rate： Time span of measurement：	A mixture of 0.05 mol/L sodium dihydrogen phosphate TS and acetonitrile (5:3). 1.0 mL per minute (the retention time of saikosaponin b2 is about 12 minutes). About 6 times as long as the retention time of saikosaponin b2 , beginning after the solvent peak.
		Passed (99.5%)
Assay(qNMR)		92.4%
Unity of peak		Passed
Water（by coulometric titration）		6.9%
Description		Passed
Identification（UV）		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.		
Expiration Date	March 2027(unopened)	

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