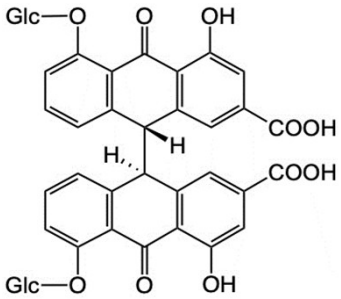
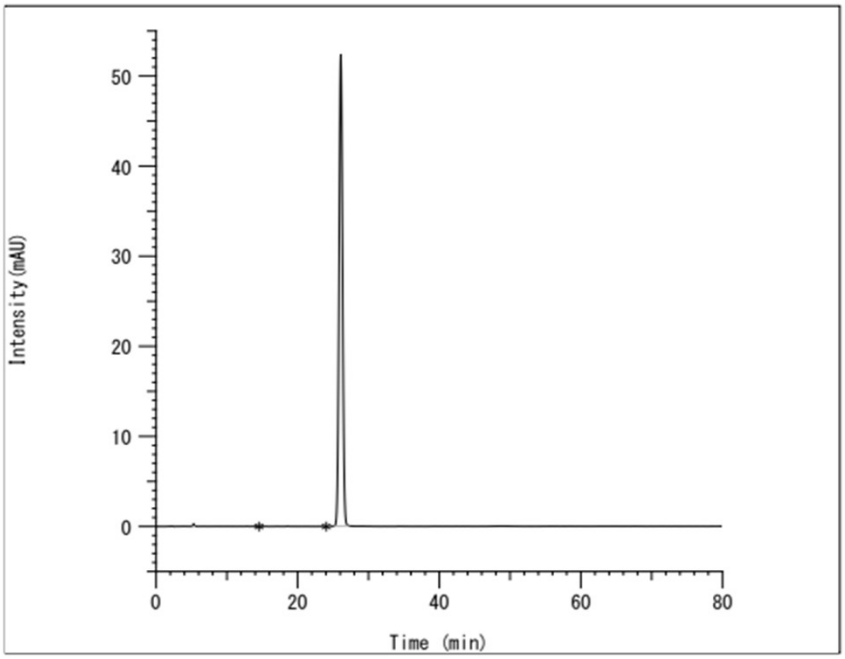
Certificate of Analysis

Product No.	21	Product Name	**Sennoside A**	
Lot. No.		**212306**	Unit Quantity	20mg
Analysis Date		2023-06-13	Storage Conditions	Room temperature



$C_{42}H_{38}O_{20}$
MW： 862.74
CAS RN: 81-27-6

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



Retension time	Peak area	%
5.293	3085	0.17
14.600	1052	0.06
24.020	1298	0.07
26.090	1768671	99.69
Total	1774106	100.00

Area percentage	：	Not less than 99.0%
Detector	：	An ultraviolet absorption photometer（340nm）
Column	：	Wakosil- II　5C18 HG（4.6×150mm）
Column temperature	：	A constant temperature of about 50°C.

Purity（HPLC）	Mobile phase	:	Dissolve 2.45 g of tetra-n-heptylammonium bromide in 1000 mL of a mixture of diluted 1 mol/L acetic acid-sodium acetate buffer solution (pH 5.0) (1 in 10) and acetonitrile (17:8).	Passed (99.7%)
	Flow rate	:	Adjust so that the retention time of sennoside A is about 26 minutes.	
	Time span of measurement	:	About 3 times as long as the retention time of sennoside A, beginning after the solvent peak.	
Description				Passed
Identification（IR）				Passed
Purity Related substances（TLC）				Passed
Water（by coulometric titration）				3.0%
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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