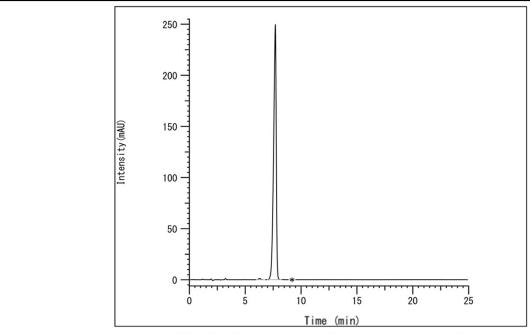
Certificate of Analysis

Product No.	12	Product Name	Ginsenoside Rb1		
Lot. No.		122409	Unit Quantity	20mg	
Analysis Date		2024-09-02	Storage Conditions	Refrigerate (≤10°C)	

Glc-(6
$$\leftarrow$$
1)-Glc $C_{54}H_{92}O_{23}$ MW : 1109.29 CAS RN: 41753-43-9

This product conforms to the specifications in the 18th edition of the Japanese Pharmacopoeia, Reagents, Test Solutions, "Ginsenoside Rb1 for thin-layer chromatography".



Retention time	Peak area	%
6.283	17236	0.42
7.700	4055847	99.48
9.250	3953	0.10
Total	4077036	100.00

Area percentage: Not less than 99.0%

Detector: An ultraviolet absorption photometer (203nm)

Column: Wakosil- II 5C18 HG (4.6 × 150mm)

Column: A constant temperature temperature: of about 45°C.

Purity Related substances (HPLC)	 Mobile	phase	:	A mixture of water and acetonitrile(67:33). 1.0 mL per minute (the	Passed (99.5%)	
(III LG)	Flow	rate	:	retention time of ginsenoside Rb1 is about		
	Time s measure	span ment	of :	8 minutes). About 3 times as long as the retention time of ginsenoside Rb1, beginning after the solvent peak.		
Description	Passed					
Identification (IR)	Passed					
Purity Related substar	Passed					
Water (by coulometri	3.5%					
Precautions Order quantities that of the specified tem					a reference standard, store	
Expiration Date	July 2026(unopened)					

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