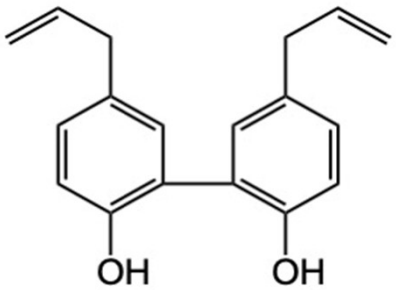
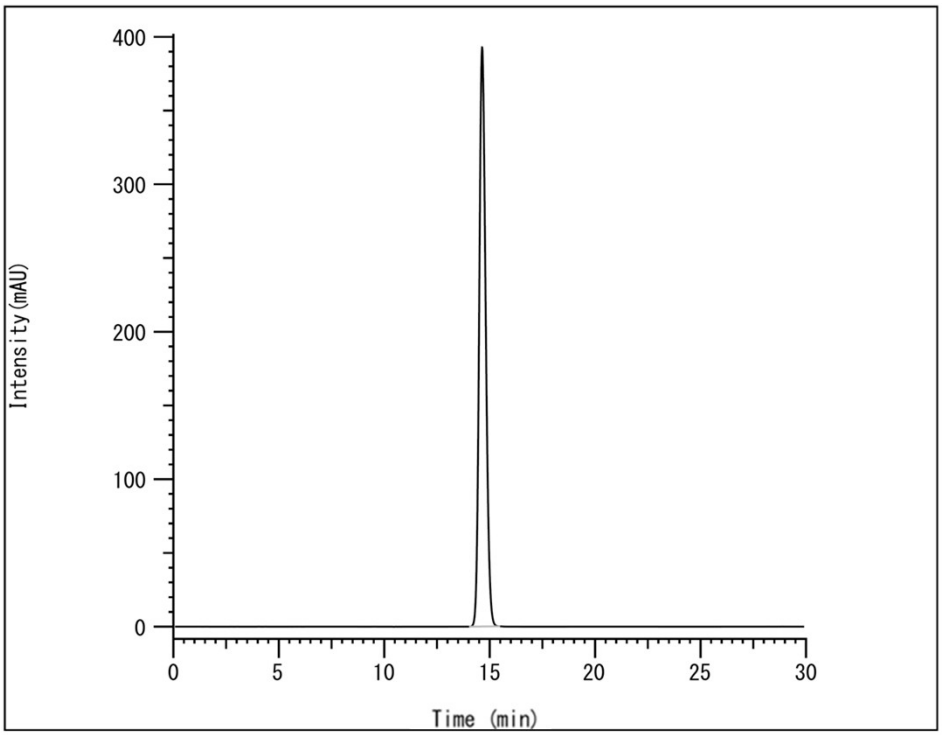
Certificate of Analysis

Product No.	37	Product Name	**Magnolol**	
Lot. No.		**372410**	Unit Quantity	20mg
Analysis Date		2024-11-19	Storage Conditions	Room temperature



$C_{18}H_{18}O_2$
MW：266.33
CAS RN: 528-43-8

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



Retention time	Peak area	%
14.643	8415190	100.00
Total	8415190	100.00

Area percentage	:	Not less than 99.0%
Detector	:	An ultraviolet absorption photometer（289nm）
Column	:	Wakosil- II 5C18 HG（ϕ 4.6×150mm）

Purity Related substances（HPLC）	Column temperature：	A constant temperature of about 20°C.	Passed (100%)
	Mobile phase：	A mixture of water, acetonitrile and acetic acid (100) (50:50:1).	
	Flow rate：	Adjust so that the retention time of magnolol is about 14 minutes.	
	Time span of measurement：	About twice as long as the retention time of magnolol.	
Assay (qNMR)			99.7%
Unity of peak			Passed
Water（by coulometric titration）			0.2%
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	October 2026 (unopened)		

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