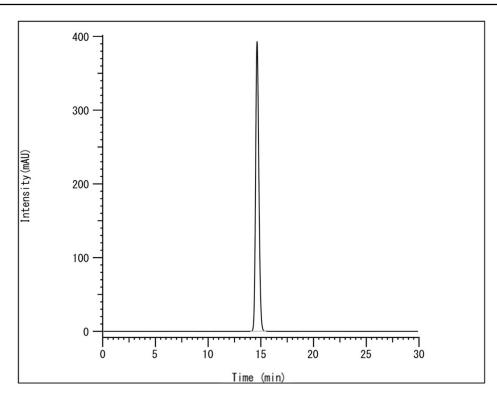
Certificate of Analysis

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

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