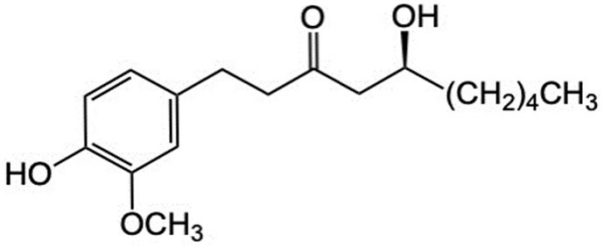
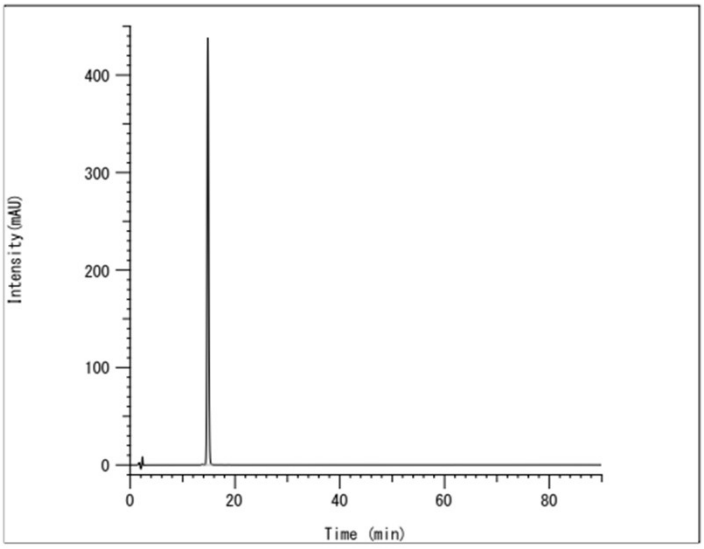
Certificate of Analysis

Product No.	11	Product Name	**[6]-Gingerol**	
Lot. No.		**112304**	Unit Quantity	20mg
Analysis Date		2023-08-01	Storage Conditions	Refrigerate (≤10° C)



$C_{17}H_{26}O_4$
MW：294.39
CAS RN: 23513-14-6

This product conforms to the specifications in the 18th edition of the Japanese Pharmacopoeia (Supplement Ⅰ), Reagents, Test Solutions, "[6]-Gingerol for assay" and in the 18th edition of the Japanese Pharmacopoeia , Reagents, Test Solutions, "[6]-Gingerol for thin-layer chromatography".



Retention time	Peak area	%
13.793	14307	0.16
14.813	8897313	99.84
Total	8911620	100.00

Purity Related substances（HPLC）	Area percentage ： Not less than 99.0% Detector ： An ultraviolet absorption photometer（282nm） Column ： Wakosil- II 5C18 HG（4.6×150mm） Column temperature： A constant temperature of about 30°C.	Passed（99.7%）

	Mobile phase : A mixture of water, acetonitrile and phos phoric acid (620:380:1). Flow rate : 1.0 mL per minute (the retention time of [6] gingerol is about 15 minutes). Time span of measurement : About 6 times as long as the retention time of [6]-gingerol.	
Assay(qNMR)		98.1%
Unity of peak		Passed
Water（by coulometric titration）		0.1%
Description		Passed
Absorbance $E^{1\%}_{1cm}$（281nm）：101 ～ 112		Passed（104）
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	February 2027(unopened)	

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