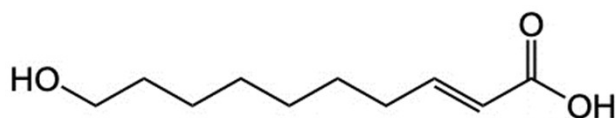


Certificate of Analysis

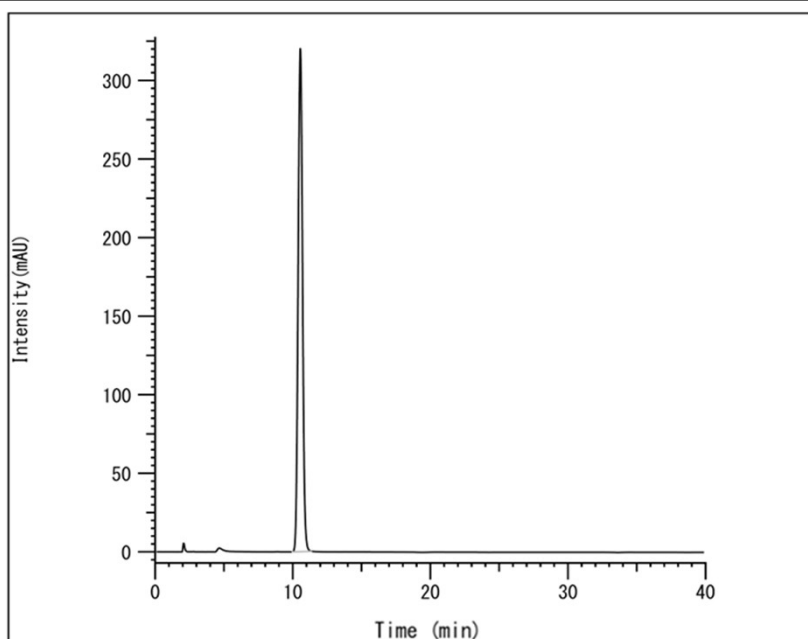
Product No.	27-1	Product Name	10-Hydroxy-2-(<i>E</i>)-decenoic acid	
Lot. No.	272508		Unit Quantity	20mg
Analysis Date	2025-10-01	Storage Conditions	Room temperature	

 $C_{10}H_{18}O_3$

MW : 186.25

CAS RN: 14113-05-4

This product conforms to the specifications in the 19th edition of the Japanese Pharmacopoeia , Reagents, Test Solutions, " 10-Hydroxy-2-(*E*)-decenoic acid for assay" and "10-Hydroxy-2-(*E*)-decenoic acid for thin-layer chromatography".



Retention time	Peak area	%
10.553	7117904	100.00
Total	7117904	100.00

Area percentage	: Not less than 99.0%
Detector	: An ultraviolet absorption photometer (215 nm)
Column	: Wakosil- II 5C18 HG (4.6 × 150mm)
Column temperature	: A constant temperature of about 50°C.

Purity Related substances (HPLC)	A mixture of water, methanol for liquid chromatography and phosphoric acid (550:450:1). Adjust so that the retention time of 10-hydroxy-2-(<i>E</i>)-decenoic acid is about 10 minutes. About 4 times as long as the retention time of 10-hydroxy-2-(<i>E</i>)-decenoic acid, beginning after the solvent peak.	Passed (100%)
Assay(qNMR)		98.2%
Unity of peak		Passed
Water (by coulometric titration)		0%
Description		Passed
Identification (UV)		Passed
Melting point (63~66°C)		Passed (66°C)
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 2029(unopened)	

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