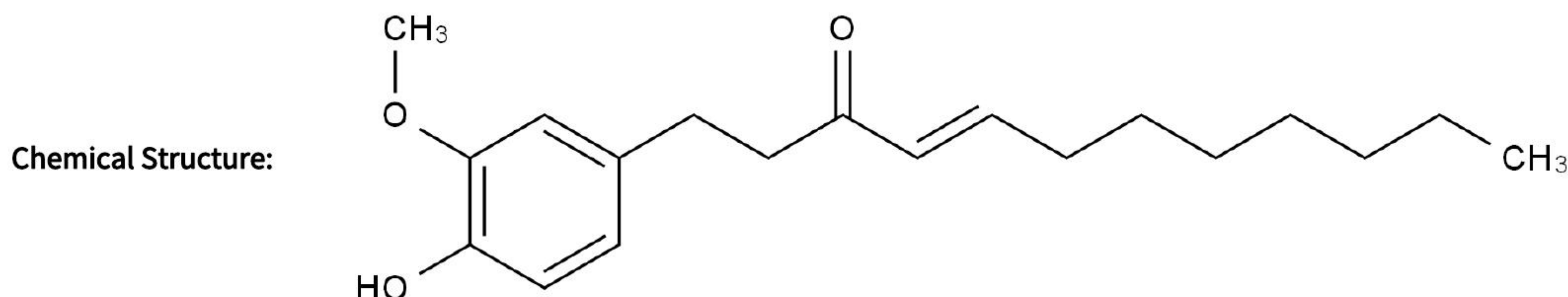


Certificate of Analysis

Reference Material

Product Name:	8-Shogaol	Catalogue Number:	CS323516
Chemical Name:	N/A	Lot Number:	1205-RD-0050
CAS Number:	36700-45-5	Expiry Date:	Dec 07, 2026
Molecular Formula:	C19H28O3	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	304.42		



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Residual Solvents	NMR	0.92% ethyl acetate
Assay	qNMR	97.0%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Xenia

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Dec 08, 2022

Date: Dec 09, 2022

Date: Dec 09, 2022

