Shay & Company
NATURAL INGREDIENT SUPPLIER

GC/MS Report

GC2

Item	Lot **13522**
98401-77	
Cinnamomum camphora Ho Wood (Redistilled) EO	
Date	Analyst
5/16/2025	**N. K**

Sample Information

Sample Name: Ho Wood
Botanical Name: Cinnamomum camphora
Lot Number: 13522
Production Method: Steam distilled

Sample Type: EO - Single
Country of Origin: China
Analysis Date: 5/16/2025
Manufacture Date: May 2025

GC/MS

Inst. ID: Shimadzu GCMS-QP2010Ultra
Injection Type: Split
Split Ratio: 24.4

Column Type: ZB-5
Injection Volume: 0.1 µL
Temperature Program: 2C/min

Physical Data

ANALYSIS	METHOD	RESULTS
Optical Rotation @20°C	USP[781]	-18.12
Refractive Index @20°C	USP[831]	1.46213
Specific Gravity @20°C	USP[841]	0.86300

GC/MS Report

Components

Ret. Time	Component	Ret. Idx.	Conc. %	
12.795	alpha-Pinene	927	0.03%	
13.720	Camphene	944	0.02%	
15.006	Sabinene	966	0.03%	
15.322	beta-Pinene	972	0.02%	
15.951	Myrcene	983	0.14%	
17.029	alpha-Phellandrene	1002	0.03%	
17.699	alpha-Terpinene	1012	0.04%	
18.179	para-Cymene	1019	0.1%	
18.486	Limonene	1023	0.29%	IFRA
18.596	beta-Phellandrene	1025	0.06%	
18.683	1,8-Cineole	1026	0.34%	
18.885	cis-beta-Ocimene	1029	0.06%	
19.580	trans-beta-Ocimene	1040	0.11%	
20.384	gamma-Terpinene	1052	0.05%	
21.200	cis-Linalool oxide (furanoid)	1064	0.19%	
22.230	Terpinolene	1080	0.05%	
22.284	trans-Linalool oxide (furanoid)	1081	0.45%	
22.647	Unidentified	1086	0.01%	
23.382	Linalool	1097	97.74%	IFRA
24.553	endo-Fenchol	1114	0.02%	
25.106	Unidentified	1122	0.04%	
26.461	Camphor	1141	0.14%	
28.787	Terpinen-4-ol	1175	0.01%	
29.786	alpha-Terpineol	1189	0.05%	

Total Identified Compounds **99.97 %**

GC/MS Report: Chromatogram