



# GC/MS Report

GC2

Item	Lot <b>13737</b>
<b>98401-67</b>	
<i>Cinnamomum camphora</i>	
Camphor EO White	
Date	Analyst
<b>7/8/2025</b>	<b>N. K</b>

## Sample Information

**Sample Name:** Camphor, White

**Botanical Name:** Cinnamomum camphora

**Lot Number:** 13630

**Production Method:** Steam distilled

**Sample Type:** EO - Single

**Country of Origin:** China

**Analysis Date:** 7/8/2025

**Manufacture Date:** July 2025

## GC/MS

**Inst. ID:** Shimadzu GCMS-QP2010Ultra

**Injection Type:** Split

**Split Ratio:** 24.4

**Column Type:** ZB-5

**Injection Volume:** 0.1  $\mu$ L

**Temperature Program:** 2C/min

## Physical Data

### ANALYSIS

Optical Rotation @20°C

Refractive Index @20°C

Specific Gravity @20°C

### METHOD

USP[781]

USP[831]

USP[841]

### RESULTS

+10.12

1.46894

0.87086

GC/MS Report  
Components

Ret. Time	Component	Ret. Idx.	Conc. %	
6.152	Toluene	755	0%	
11.213	Bornylene	899	0.01%	
12.017	Hashishene	914	0.03%	
12.140	Tricyclene	916	0.02%	
12.289	alpha-Thujene	919	0.5%	
12.716	alpha-Pinene	926	7.88%	
13.528	alpha-Fenchene	940	0.06%	
13.626	Camphene	942	0.53%	
14.515	Unidentified	958	0%	
14.692	Heptanol	961	0.02%	
14.730	Octanol	961	0.01%	
14.916	Sabinene	965	5.77%	
15.223	beta-Pinene	970	2.85%	
15.585	6-Methyl-hept-5-en-2-one	976	0.01%	
15.849	Myrcene	981	3.58%	
16.055	2-Methyl-6-hepten-1-ol	985	0.03%	
16.400	trans-2,6-Dimethyl-2-6-octadiene	991	0%	
16.483	2-Carene	992	0.03%	
16.715	Octanal	996	0.02%	
16.775	Pseudolimonene	997	0.01%	
16.924	alpha-Phellandrene	1000	1.59%	
17.071	delta-3-Carene	1002	0.03%	
17.459	1,4-Cineole	1008	0.05%	
17.593	alpha-Terpinene	1010	2.65%	
17.749	ortho-Cymene	1012	0.01%	
18.094	para-Cymene	1018	8.3%	
18.456	Limonene	1023	26.84%	IFRA
18.570	beta-Phellandrene	1025	4.62%	
18.653	1,8-Cineole	1026	30.33%	
18.778	cis-beta-Ocimene	1028	0.08%	
19.466	trans-beta-Ocimene	1038	0.31%	
19.729	Unidentified	1042	0%	
20.273	gamma-Terpinene	1050	3.67%	
21.071	cis-Linalool oxide (furanoid)	1062	0.02%	
21.211	Unidentified	1064	0.01%	
22.087	Terpinolene	1078	0.03%	
22.313	Fenchone	1081	0.03%	
26.282	Unidentified	1139	0%	
48.505	Germacrene D	1471	0.04%	
74.042	meta-Camphorene	1932	0.01%	

Ret. Time	Component	Ret. Idx.	Conc. %
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Total Identified Compounds **99.97 %**

TIC  
27,855,919

