

Sample Information

Sample Name: Camphor EO White

Botanical Name: Cinnamomum camphora

Lot Number: CHP20-PK

Production Method: Steam distilled

Sample Type: EO - Single

Country of Origin: China

Analysis Date: 12/13/2024

Manufacture Date: December 2024

GC/MS

Inst. ID: Shimadzu GCMS-QP2010Ultra

Injection Type: Split

Split Ratio: 24.4

Column Type: ZB-5

Injection Volume: 0.1 μ 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

+8.52

1.46815

0.89066

Ret. Time	Component	Ret. Idx.	Conc. %	
5.219	4-Methyl pentan-2-one	730	0.01%	
10.965	2,6-Dimethyl-4-octene isomer	907	0.03%	
11.615	Tricyclene	919	0.02%	
11.766	alpha-Thujene	922	1.85%	
12.175	alpha-Pinene	929	9.66%	
12.961	alpha-Fenchene	944	0.05%	
13.057	Camphene	945	0.32%	
13.941	Unidentified	962	0.01%	
14.141	Bois de Rose oxide	965	0.01%	
14.319	Sabinene	968	2.17%	
14.614	beta-Pinene	974	2.17%	
14.946	6-Methyl hept-5-en-2-one	980	0.11%	
15.250	Myrcene	985	2.05%	
15.436	6-Methyl hept-5-en-2-ol	989	0.05%	
15.795	Unidentified	995	0.01%	
15.865	delta-2-Carene	997	0.03%	
16.301	alpha-Phellandrene	1004	0.52%	
16.455	delta-3-Carene	1006	8.21%	
16.812	1,4-Cineole	1012	0.03%	
16.958	alpha-Terpinene	1014	0.69%	
17.122	ortho-Cymene	1016	0.01%	
17.444	para-Cymene	1021	6.33%	
17.765	Limonene	1026	14.54%	IFRA
17.890	beta-Phellandrene	1028	3.62%	
17.949	1,8-Cineole	1029	30.37%	
18.030	Dihydromyrcenol	1030	0.03%	
18.137	cis-beta-Ocimene	1032	0.03%	
18.807	trans-beta-Ocimene	1042	0.72%	
19.590	gamma-Terpinene	1054	1.97%	
20.380	cis-Linalool oxide (furanoid)	1066	0.02%	
21.394	Terpinolene	1082	0.11%	
21.591	Fenchone	1085	0.01%	
22.337	Linalool	1096	0.05%	IFRA
25.567	Camphor	1143	9.06%	
27.159	delta-Terpineol	1166	0.04%	
27.259	Borneol	1168	0.05%	
27.882	Terpinen-4-ol	1177	0.01%	
28.887	alpha-Terpineol	1191	4.92%	
29.442	Unidentified	1200	0.01%	
35.293	Safrole	1285	0.08%	

Ret. Time	Component	Ret. Idx.	Conc. %
43.752	Unidentified	1414	0%

Total Identified Compounds **99.95 %**

