

Litsea (May Chang)
 Lot# CHX18-XK
 Country: China



GC/MS Report
 Components

Ret. Time	Component	Ret. Idx.	Conc. %	
9.021	Unidentified	864	0.01%	
11.696	alpha-Thujene	925	0.02%	
12.096	alpha-Pinene	932	1.01%	
12.986	Camphene	948	0.25%	
14.235	Sabinene	971	0.69%	
14.533	beta-Pinene	977	0.79%	
14.853	6-Methyl hept-5-en-2-one	983	1.06%	
15.160	Myrcene	988	0.91%	
15.349	6-Methyl-hept-5-en-2-ol			
16.209	alpha-Phellandrene			
16.350	delta-3-Carene			
16.865	alpha-Terpinene			
17.342	para-Cymene			
17.659	Limonene			IFRA
17.821	1,8-Cineole			
18.037	cis-beta-Ocimene			
18.714	trans-beta-Ocimene			
19.490	gamma-Terpinene			
20.265	trans-Sabinene hydrate			
21.280	Terpinolene			
21.699	Rosefuran			
22.227	Linalool			IFRA
22.867	Unidentified			
23.719	trans-para-Mentha-2,8-dienol			
24.474	cis-Limonene oxide			
24.765	trans-Limonene oxide			
25.189	exo-Isocitral			IFRA
25.445	Camphor			
25.551	Isopulegol			
25.809	Citronellal			IFRA
26.243	Neoisopulegol	1158	0.01%	
26.434	Isoneral	1160	0.47%	IFRA
26.993	Isoborneol + delta-Terpineol	1169	0.06%	
27.152	Borneol	1171	0.08%	
27.732	Isogeranial	1179	1.06%	IFRA
28.526	Methyl salicylate	1191	0.01%	
28.760	alpha-Terpineol	1194	0.49%	
29.100	Unidentified	1199	0.02%	
29.558	cis-Carveol	1206	0.04%	
30.317	Unidentified	1217	0.01%	

			Conc. %	
		992	0.03%	
		1006	0.03%	
		1009	0.06%	
		1016	0.02%	
		1024	0.04%	
		1029	12.4%	
		1031	1.45%	
		1035	0.02%	
		1045	0.03%	
		1057	0.06%	
		1069	0.03%	
		1085	0.09%	
		1091	0.02%	
		1099	1.39%	
		1108	0.02%	
		1121	0.01%	
		1132	0.02%	
		1136	0.03%	
		1142	0.07%	
		1146	0.01%	
		1148	0.03%	
		1151	1.55%	

Ret. Time	Component	Ret. Idx.		
53.466	Caryophyllene oxide	1580	0.2%	
55.084	Humulene epoxide II	1608	0.02%	
57.831	Unidentified	1656	0.01%	
63.726	Benzyl benzoate	1765	0.03%	IFRA
74.677	Unidentified	1982	0.01%	
75.570	Unidentified	2000	0.01%	
76.150	Unidentified	2013	0.01%	
76.386	Unidentified	2018	0.01%	
76.724	Unidentified	2025	0.04%	

30.750	Nerol	1223	0.48%	
30.941	Citronellol	1226	0.26%	IFRA
31.102	Unidentified	1229	0.02%	
31.796	Neral	1239	29.2%	IFRA
32.519	Geraniol	1250	1.18%	IFRA
32.755	Piperitone	1253	0.05%	
33.847	Geranial	1269	40.65%	
34.088	Citronellyl formate	1273	0.07%	
34.278	Unidentified	1275	0.06%	
34.410	Unidentified	1277	0.04%	
34.637	trans-Carvone oxide	1281	0.18%	
35.749		1297		
38.830		1344		
39.723	Neryl acetate	1358	0.03%	
39.869	Unidentified	1360	0.06%	
40.505	Unidentified	1369	0.11%	
40.830	alpha-Copaene	1374	0.07%	
40.999	Geranyl acetate	1377	0.08%	
41.724	beta-Elemene	1388	0.15%	
43.620	beta-Caryophyllene	1418	1.37%	
45.731		1452		
47.453		1479		
48.343		1494		
49.119	beta-Bisabolene	1506	0.03%	
49.721	delta-Cadinene	1517	0.04%	
53.159	Spathulenol	1575	0.03%	
	Bicylogermacrene		0.07%	
Ret. Time	Component	Ret. Idx.	Conc. %	
76.886	Unidentified	2028	0.03%	
77.903	Unidentified	2050	0.16%	
78.329	Unidentified	2060	0.08%	
79.334	Unidentified	2081	0.04%	
79.525	Unidentified	2085	0.12%	
80.170	Unidentified	2099	0.03%	
81.618	Unidentified	2132	0.02%	
82.005	Unidentified	2140	0.02%	

Total Identified Compounds **98.99 %**

Litsea cubeba EO Litsea cubeba