



Sample & Analysis Information

Sample Information

Sample Name: Eucalyptus Essential Oil**Botanical Name:** Eucalyptus globulus**Lot Number:** 13134**Production Method:** Steam distilled**Sample Type:** EO - Single**Country of Origin:** China**Analysis Date:** 2/24/2025**Manufacture Date:** February 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

Optical Rotation @20°C

Refractive Index @20°C

Specific Gravity @20°C

METHOD

USP[781]

USP[831]

USP[841]

RESULTS

+3.16

1.46033

0.91224

Ret. Time	Component	Ret. Idx.	Conc. %	
5.428	3-Methyl 1-butanol	724	0.01%	
12.158	Hashishene	916	0.01%	
12.431	alpha-Thujene	921	0.03%	
12.858	alpha-Pinene	929	5.73%	
13.695	Unidentified	943	0.05%	
13.782	Camphene	945	0.09%	
13.978	Thuja-2,4(10)-diene	948	0.01%	
15.070	Sabinene	967	0.11%	
15.384	beta-Pinene	973	0.53%	
16.010	Myrcene	984	0.67%	
16.080	Unidentified	985	0.03%	
16.915	Unidentified	1000	0.04%	
17.010	Unidentified	1001	0.04%	
17.095	alpha-Phellandrene	1003	0.92%	
17.767	alpha-Terpinene	1013	0.18%	
18.264	para-Cymene	1020	4.15%	
18.604	Limonene	1025	7.43%	IFRA
18.879	1,8-Cineole	1029	79.1%	
18.945	cis-beta-Ocimene	1030	0.09%	
19.645	trans-beta-Ocimene	1041	0.01%	
20.449	gamma-Terpinene	1053	0.77%	
22.274	Terpinolene	1080	0%	

Total Identified Compounds **99.84 %**

