



Essential Oil University

GC/MS Report

Eucalyptus globulus EO, Australia

Eucalyptus globulus

Item | Lot

7C

Date | Analyst

6/9/2025

Dr. Robert S. Pappas

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The analysis of this batch sample, Eucalyptus globulus EO, Australia, meets the expected chemical profile for authentic essential oil of *Eucalyptus globulus*. No contamination or adulteration was detected. The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.



Sample Information

Company: Revive**Sample Name:** Eucalyptus globulus EO, Australia**Botanical Name:** Eucalyptus globulus**Lot Number:** 7C**Production Method:** Steam distilled**Sample Type:** EO - Single**Country of Origin:** Australia**Analysis Date:** 6/9/2025**Manufacture Date:** April 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

+4.16

1.46028

0.91286



Ret. Time	Component	Ret. Idx.	Conc. %	
5.076	3-Methyl-1-butanol	727	0.01%	
11.368	Hashishene	918	0.01%	
11.632	alpha-Thujene	923	0.03%	
12.038	alpha-Pinene	931	4.67%	
12.840	alpha-Fenchene	946	0.02%	
12.844	Unidentified	946	0.02%	
12.918	Camphene	947	0.07%	
13.114	Thuja-2,4(10)-diene	951	0.01%	
14.166	Sabinene	970	0.09%	
14.461	beta-Pinene	975	0.41%	
15.088	Myrcene	987	0.53%	
15.959	Pseudolimonene	1003	0.03%	
16.050	Unidentified	1004	0.03%	
16.136	alpha-Phellandrene	1005	0.67%	
16.790	alpha-Terpinene	1015	0.14%	
17.284	para-Cymene	1023	3.06%	
17.609	Limonene	1028	6.8%	IFRA
17.853	1,8-Cineole	1032	82.26%	
17.967	cis-beta-Ocimene	1033	0.06%	
18.642	trans-beta-Ocimene	1044	0.01%	
19.416	gamma-Terpinene	1056	0.59%	
27.665	Terpinen-4-ol	1178	0.01%	
28.673	alpha-Terpineol	1193	0.04%	
38.839	alpha-Terpinyl acetate	1344	0.4%	
38.961	gamma-Terpinyl acetate	1346	0.04%	

Total Identified Compounds **99.96 %**

