



Essential Oil University

GC/MS Report

Item	Lot
Eucalyptus globulus EO, Australia <i>Eucalyptus globulus</i>	6G
Date	Analyst
1/6/2026	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: 6G
Production Method: Steam distilled

Sample Type: EO - Single
Country of Origin: Australia
Analysis Date: 1/6/2026
Manufacture Date: December 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	METHOD	RESULTS
Optical Rotation @20°C	USP[781]	+4.16
Refractive Index @20°C	USP[831]	1.46033
Specific Gravity @20°C	USP[841]	0.91229



Ret. Time	Component	Ret. Idx.	Conc. %	
5.424	1-Pentanol	728	0.01%	
12.132	Hashishene	918	0.01%	
12.403	alpha-Thujene	923	0.02%	
12.830	alpha-Pinene	931	3.63%	ALLERGEN
13.658	alpha-Fenchene	945	0.01%	
13.756	Camphene	947	0.03%	
13.956	Thuja-2,4(10)diene	951	0%	
15.050	Sabinene	970	0.02%	
15.360	beta-Pinene	975	0.3%	ALLERGEN
15.979	Myrcene	986	0.55%	PROP. 65
16.935	Pseudolimonene	1003	0.01%	
17.078	alpha-Phellandrene	1005	0.81%	
17.741	alpha-Terpinene	1015	0.25%	ALLERGEN
18.240	para-Cymene	1022	2.78%	
18.579	Limonene	1027	9.09%	ALLERGEN IFRA
18.845	1,8-Cineole	1031	79.57%	
18.923	cis-beta-Ocimene	1033	0.24%	
19.620	trans-beta-Ocimene	1043	0.04%	
20.436	gamma-Terpinene	1055	2.02%	
22.273	Terpinolene	1083	0.01%	ALLERGEN
23.230	Linalool	1097	0%	
25.185	allo-Ocimene	1126	0%	
26.101	trans-Pinocarveol	1139	0%	
26.544	Camphor	1145	0.03%	ALLERGEN
28.261	Borneol	1170	0.01%	
28.859	Terpinen-4-ol	1178	0.01%	
29.860	alpha-Terpineol	1193	0.04%	ALLERGEN
35.968	Bornyl acetate	1282	0.01%	
39.114	Unidentified	1329	0.01%	
40.083	alpha-Terpinyl acetate	1344	0.44%	
40.208	gamma-Terpinyl acetate	1345	0.04%	

Total Identified Compounds **99.98 %**



TIC
46,949,760

