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Balancing Body, Mind and Spirit with Pure Essential Oils

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Eucalyptus Globulus (Blue Gum)

Eucalyptus globulus

Spain

Batch #SP-59000

Monoterpenes	15.39%	Monoterpenols	7.77%
α pinene	11.20	trans-pinocarveol	4.82
para cymene	2.05	α terpineol	0.80
limonene	0.90	trans-para-mentha-1(7),8-dien-2-ol	0.79
α phellandrene	0.32	cis-para-mentha-1(7),8,dien-2-ol	0.72
para cymenene	0.25	borneol	0.28
β pinene	0.23	fenchol	0.14
camphene	0.10	trans-carveol	0.14
γ terpinene	0.09	terpinen-4-ol	0.08
myrcene	0.08		
terpinolene	0.08	Sesquiterpenols	5.33%
thuja-2,4(10)-diene	0.06	globulol	3.00
α fenchene	0.03	maaliol	1.11
		viridiflorol	0.46
Sesquiterpenes	15.79%	palustrol	0.25
aromadendrene	10.45	cubeban-11-ol	0.20
alloaromadendrene	2.05	guaiol	0.11
viridiflorene	1.05	rosifoliol	0.11
β selinene	0.50	spathulenol	0.09
β gurjunene	0.49		
α gurjunene	0.31	Esters	1.47%
α guaiene	0.27	alpha-terpinyl acetate	1.47
longifolene	0.19	isoamyl isovalerate	0.14
β caryophellene	0.17		
α humulene	0.09	Ethers	51.47%
amorpha-4,11-diene	0.09	1,8 cineole	51.47
γ gurjunene	0.13		
Aldehydes	0.06%	Ketones	1.86%
α campholene aldehyde	0.06	pinocarvone	1.50
		isopinocamphone	0.19
		carvone	0.11
		trans-pinocamphone	0.06

Raw Material: leaves organically produced

INCI Name: EUCALYPTUS GLOBUUS LEAF OIL

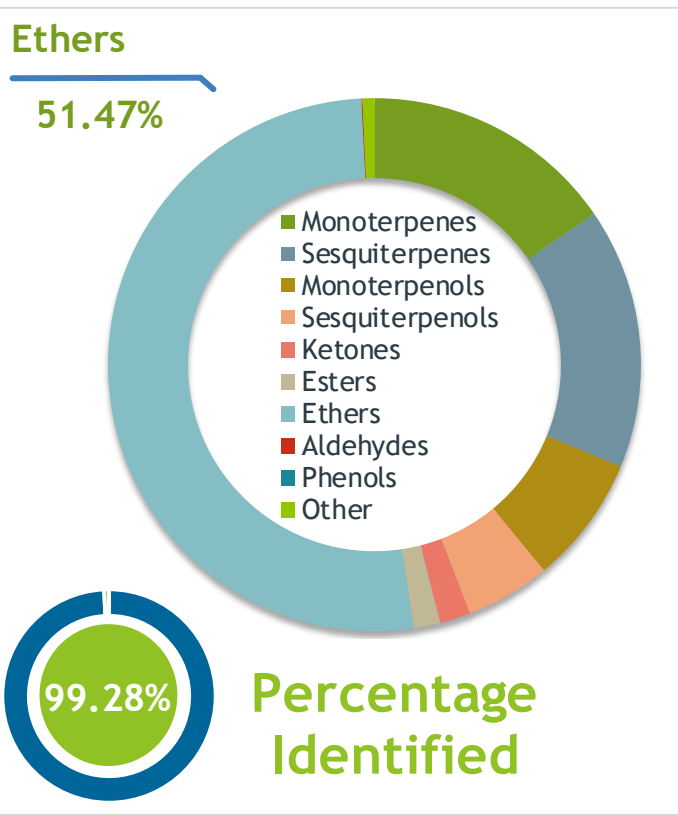
Production Method: Steam distillation

Date of analysis: 11/4/2019

Client  **Source** 

Eucalyptus Globulus (Eucalyptus Globulus)
SP-59000

Sample **Eucalyptus Globulus (Eucalyptus Globulus)**
Batch #:..... | SP-59000
Type:..... | Essential Oil
CAS Number:... | 8000-48-4
Nature's Gift



Client  **Website** 

Primary
51.47% | 1,8-Cineole
11.20% | alpha-Pinene
10.45% | Aromadendrene

Result 

Conclusion
Levels of Cineol are low for what is expected and levels of Aromadendrene are elevated. The rest of the oil looks as expected.
Internal Number: | EVS-3356


Essential Validation Services
747 SW 2nd Ave IMB 12 Suite 306
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adam@essentialvalidationservices.com


Monoterpenes	15.39%	15.39%
Sesquiterpenes	15.79%	15.79%
Monoterpenols	7.7	7.77%
Sesquiterpenols	5	5.13%
Ketones		1.86%
Esters		1.61%
Ethers	51.47%	51.47%
Aldehydes		0.06%
Phenols		0.00%
Other		0.72%

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Client



Source

*Eucalyptus Globulus (Eucalyptus Globulus)*

SP-59000

Total Percentage		99.28%		
Number	RT	Area %	Compound Name	Chemical Family
1	8.77	11.20%	alpha-Pinene	Monoterpene
2	9.33	0.03%	alpha-Fenchene	Monoterpene
3	9.39	0.10%	Camphene	Monoterpene
4	9.55	0.06%	Thuja-2,4(10)-diene	Monoterpene
5	10.53	0.23%	beta-Pinene	Monoterpene
6	11.11	0.08%	Myrcene	Monoterpene
7	11.79	0.32%	alpha-Phellandrene	Monoterpene
8	12.61	2.05%	para-Cymene	Monoterpene
9	12.83	0.90%	Limonene	Monoterpene
10	13.00	51.47%	1,8-Cineole	Monoterpene Ether
11	14.15	0.09%	gamma-Terpinene	Monoterpene
12	15.40	0.08%	Terpinolene	Monoterpene
13	15.59	0.25%	para-Cymenene	Monoterpene
14	16.43	0.14%	Isoamyl isovalerate	Aliphatic Ester
15	16.91	0.14%	Fenchol	Monoterpenol
16	17.26	0.06%	alpha-Campholene aldehyde	Monoterpene Aldehyde
17	17.90	4.82%	trans-Pinocarveol	Monoterpenol
18	18.78	0.06%	trans-Pinocamphone	Monoterpene Ketone
19	18.87	1.50%	Pinocarvone	Monoterpene Ketone
20	19.34	0.28%	Borneol	Monoterpenol
21	19.50	0.19%	Isopinocamphone	Monoterpene Ketone
22	19.76	0.08%	Terpinen-4-ol	Monoterpenol
23	20.12	0.79%	trans-para-Mentha-1(7),8-dien-2-ol	Monoterpenol
24	20.45	0.80%	alpha-Terpineol	Monoterpenol
25	21.56	0.14%	trans-Carveol	Monoterpenol
26	22.01	0.72%	cis-para-Mentha-1(7),8-dien-2-ol	Monoterpenol
27	22.64	0.11%	Carvone	Monoterpene Ketone
28	27.28	1.47%	alpha-Terpinyl acetate	Monoterpene Ester
29	29.84	0.31%	alpha-Gurjunene	Sesquiterpene
30	30.32	0.17%	beta-Caryophyllene	Sesquiterpene
31	30.65	0.19%	Longifolene	Sesquiterpene
32	30.78	0.49%	beta-Gurjunene	Sesquiterpene
33	31.14	10.45%	Aromadendrene	Sesquiterpene
34	31.27	0.09%	Amorpha-4,11-diene	Sesquiterpene
35	31.41	0.27%	alpha-Guaiene	Sesquiterpene

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