

Client



Source



Rosemary Cineole (*Rosmarinus officinalis*)  
7966-M3

Sample

Rosemary Cineole (*Rosmarinus officinalis*)

Batch #:..... 7966-M3

Type:..... Essential Oil

CAS Number:... 8000-25-7

Natural Sourcing LLC

Client



Website



Primary

**39.85%**

**1,8-Cineole**

**14.55%**

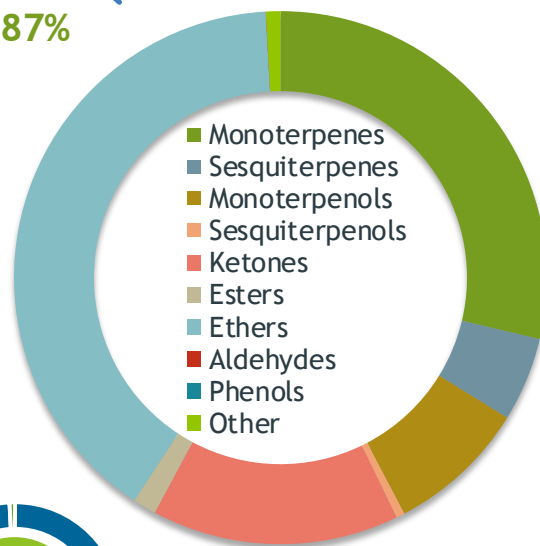
**Camphor**

**10.88%**

**alpha-Pinene**

Ethers

39.87%



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Rosemary Cineole (*Rosmarinus officinalis*)

Internal Number: | EVS-3748



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306  
Gainesville, FL 32601

317.361.5044 |

<https://essentialvalidationservices.com/>

adam@essentialvalidationservices.com

Monoterpenes	28.71%	28.71%
Sesquiterpenes	5.10%	5.10%
Monoterpenols	8.50%	8.50%
Sesquiterpenols	0.51%	0.51%
Ketones	15.00%	15.00%
Esters	1.42%	1.42%
Ethers	39.87%	39.87%
Aldehydes	0.02%	0.02%
Phenols	0.00%	0.00%
Other	0.87%	0.87%

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Total Percentage		99.18%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.41	0.02%	Isovaleric acid	Aliphatic Acid
2	6.58	0.01%	Isoamyl acetate	Aliphatic Ester
3	8.05	0.01%	Hashishene	Monoterpene
4	8.14	0.03%	Tricyclene	Monoterpene
5	8.30	0.06%	alpha-Thujene	Monoterpene
6	8.57	10.88%	alpha-Pinene	Monoterpene
7	9.19	4.64%	Camphene	Monoterpene
8	9.35	0.02%	Thuja-2,4(10)-diene	Monoterpene
9	10.15	0.04%	Sabinene	Monoterpene
10	10.33	8.14%	beta-Pinene	Monoterpene
11	10.52	0.02%	1-Octen-3-ol	Aliphatic Alcohol
12	10.90	1.42%	Myrcene	Monoterpene
13	11.45	0.08%	Pseudolimonene	Monoterpene
14	11.56	0.20%	alpha-Phellandrene	Monoterpene
15	11.67	0.03%	delta-3-Carene	Monoterpene
16	12.04	0.06%	alpha-Terpinene	Monoterpene
17	12.38	1.15%	para-Cymene	Monoterpene
18	12.60	1.28%	Limonene	Monoterpene
19	12.75	39.85%	1,8-Cineole	Monoterpene Ether
20	12.96	0.04%	(Z)-beta-Ocimene	Monoterpene
21	13.43	0.01%	(E)-beta-Ocimene	Monoterpene
22	13.91	0.36%	gamma-Terpinene	Monoterpene
23	14.43	0.02%	trans-Sabinene hydrate	Monoterpenol
24	15.15	0.12%	Terpinolene	Monoterpene
25	15.34	0.15%	para-Cymenene	Monoterpene
26	15.70	0.01%	alpha-Pinene oxide	Monoterpene Ether
27	15.86	0.14%	Linalool	Monoterpenol
28	16.19	0.03%	Isoamyl isovalerate	Aliphatic Ester
29	16.66	0.08%	Fenchol	Monoterpenol
30	17.02	0.02%	alpha-Campholene aldehyde	Monoterpene Aldehyde
31	17.64	1.23%	trans-Pinocarveol	Monoterpenol
32	17.92	14.55%	Camphor	Monoterpene Ketone
33	18.45	0.01%	trans-Limonene oxide	Monoterpene Ether
34	18.61	0.38%	Pinocarvone	Monoterpene Ketone
35	19.09	4.38%	Borneol	Monoterpenol

ESSENTIAL VALIDATION SERVICES | 747 SW 2<sup>ND</sup> AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044

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Number	RT	Area %	Compound Name	Chemical Family
36	19.242	0.04%	Pinocamphone	Monoterpenol
37	19.50	0.24%	Terpinen-4-ol	Monoterpenol
38	19.85	0.16%	trans-para-Mentha-1(7),8-dien-2-ol	Monoterpenol
39	20.19	2.10%	alpha-Terpineol	Monoterpenol
40	21.29	0.02%	trans-Carveol	Monoterpenol
41	21.75	0.13%	cis-para-Mentha-1(7),8-dien-2-ol	Monoterpenol
42	22.37	0.03%	Carvone	Monoterpene Ketone
43	24.24	0.89%	Bornyl acetate	Monoterpene Ester
44	26.99	0.48%	alpha-Terpinyl acetate	Monoterpene Ester
45	28.01	0.02%	Isolatedene	Sesquiterpene
46	28.21	0.05%	alpha-Copaene	Sesquiterpene
47	28.42	0.01%	Geranyl acetate	Monoterpene Ester
48	29.54	0.10%	alpha-Gurjunene	Sesquiterpene
49	30.02	0.48%	cis-Caryophyllene	Sesquiterpene
50	30.34	0.06%	Longifolene	Sesquiterpene
51	30.47	0.15%	beta-Gurjunene	Sesquiterpene
52	30.81	3.25%	Aromadendrene	Sesquiterpene
53	31.49	0.07%	alpha-Humulene	Sesquiterpene
54	31.68	0.63%	allo-Aromadendrene	Sesquiterpene
55	32.21	0.04%	gamma-Gurjunene	Sesquiterpene
56	32.35	0.04%	gamma-Muurolene	Sesquiterpene
57	32.86	0.12%	beta-Selinene	Sesquiterpene
58	33.16	0.02%	alpha-Selinene	Sesquiterpene
59	33.32	0.01%	alpha-Muurolene	Sesquiterpene
60	33.86	0.03%	gamma-Cadinene	Sesquiterpene
61	34.11	0.03%	beta-Cadinene	Sesquiterpene
62	36.01	0.03%	Palustrol	Sesquiterpenol
63	36.64	0.40%	Maaliol	Sesquiterpenol
64	36.96	0.05%	Viridiflorol	Sesquiterpenol
65	38.11	0.03%	Rosifoliol	Sesquiterpenol

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