

Client



Source



Organic Rosemary (*Rosmarinus officinalis*)  
RS117

Sample

Organic Rosemary (*Rosmarinus officinalis*)  
 Batch #:..... RS117  
 Type:..... Essential Oil  
 CAS Number:... 8000-25-7  
 Natural Sourcing LLC

Client



Website

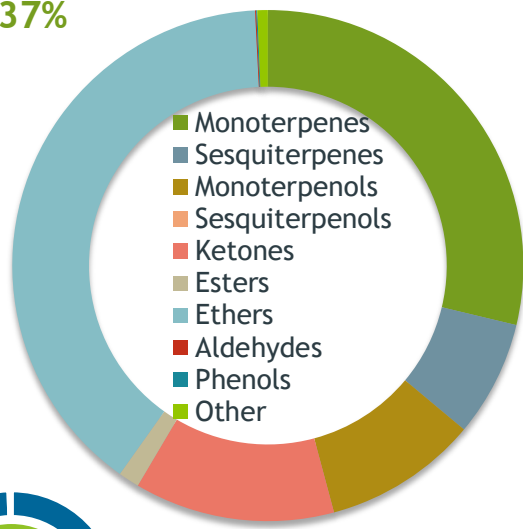


Primary

39.21% | 1,8-Cineole  
12.58% | Camphor  
9.38% | alpha-Pinene

Ethers

39.37%



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Organic Essential Oil of Rosemary (*Rosmarinus officinalis*)  
 Internal Number: | EVS-4387



Essential Validation Services

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

317.361.5044 |  
<https://essentialvalidationservices.com/>

*Alan Christen*

Monoterpenes	28.74%	28.74%
Sesquiterpenes	7.34%	7.34%
Monoterpenols	9.75%	9.75%
Sesquiterpenols	0.00%	0.00%
Ketones	12.67%	12.67%
Esters	1.33%	1.33%
Ethers	39.37%	39.37%
Aldehydes	0.07%	0.07%
Phenols	0.07%	0.07%
Other	0.66%	0.66%

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**NATURAL SOURCING**  
Cosmetic and Personal Care Ingredient Specialists  
PROUDLY SERVING YOU FOR OVER 30 YEARS

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Total Percentage		99.52%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.65	0.01%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
2	7.67	0.01%	Hashishene	Monoterpene
3	7.75	0.16%	Tricyclene	Monoterpene
4	7.92	0.29%	alpha-Thujene	Monoterpene
5	8.18	9.38%	alpha-Pinene	Monoterpene
6	8.78	4.20%	Camphene	Monoterpene
7	8.94	0.01%	Thuja-2,4(10)-diene	Monoterpene
8	9.72	0.15%	Sabinene	Monoterpene
9	9.89	6.44%	beta-Pinene	Monoterpene
10	10.14	0.17%	1-Octen-3-ol	Aliphatic Alcohol
11	10.30	0.08%	Octan-3-one	Aliphatic Ketone
12	10.47	1.74%	Myrcene	Monoterpene
13	11.01	0.03%	Pseudolimonene	Monoterpene
14	11.11	0.21%	alpha-Phellandrene	Monoterpene
15	11.22	0.30%	delta-3-Carene	Monoterpene
16	11.59	0.59%	alpha-Terpinene	Monoterpene
17	11.93	1.81%	para-Cymene	Monoterpene
18	12.12	1.82%	Limonene	Monoterpene
19	12.35	39.21%	1,8-Cineole	Monoterpene Ether
20	12.51	0.09%	(Z)-beta-Ocimene	Monoterpene
21	12.96	0.05%	(E)-beta-Ocimene	Monoterpene
22	13.43	0.93%	gamma-Terpinene	Monoterpene
23	13.95	0.12%	trans-Sabinene hydrate	Monoterpenol
24	14.65	0.47%	Terpinolene	Monoterpene
25	14.86	0.05%	para-Cymenene	Monoterpene
26	15.39	1.14%	Linalool	Monoterpenol
27	15.51	0.02%	alpha-Pinene oxide	Monoterpene Ether
28	15.60	0.02%	Nonanal	Aliphatic Aldehyde
29	16.17	0.06%	Fenchol	Monoterpenol
30	16.43	0.03%	cis-para-Menth-2-en-1-ol	Monoterpenol
31	16.51	0.03%	alpha-Campholene aldehyde	Monoterpene Aldehyde
32	16.67	0.01%	Alloocimene	Monoterpene
33	17.16	0.04%	trans-Pinocarveol	Monoterpenol
34	17.43	12.58%	Camphor	Monoterpene Ketone
35	17.75	0.05%	Camphene hydrate	Monoterpenol

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- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method  
 - This report may not be published without the consent of Essential Validation Services.  
 - Chromatograph image may be requested  
 - This report is valid for 1 year from the analyzed date

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Number	RT	Area %	Compound Name	Chemical Family
36	17.942	0.01%	neo-Isopulegol	Monoterpenol
37	18.09	0.01%	Pinocarvone	Monoterpene Ketone
38	18.59	4.49%	Borneol	Monoterpenol
39	18.98	1.18%	Terpinen-4-ol	Monoterpenol
40	19.31	0.04%	para-Cymen-8-ol	Monoterpenol
41	19.68	2.59%	alpha-Terpineol	Monoterpenol
42	19.82	0.03%	Methyl chavicol	Phenylpropanoid
43	20.27	0.02%	Decanal	Aliphatic Aldehyde
44	23.69	1.33%	Bornyl acetate	Monoterpene Ester
45	26.44	0.06%	alpha-Cubebene	Sesquiterpene
46	27.36	0.10%	alpha-Ylangene	Sesquiterpene
47	27.63	0.38%	alpha-Copaene	Sesquiterpene
48	28.77	0.04%	Methyl eugenol	Phenylpropanoid
49	28.83	0.02%	cis-Caryophyllene	Sesquiterpene
50	29.45	4.77%	beta-Caryophyllene	Sesquiterpene
51	29.87	0.06%	beta-Copaene	Sesquiterpene
52	30.20	0.07%	Aromadendrene	Sesquiterpene
53	30.89	0.62%	alpha-Humulene	Sesquiterpene
54	31.63	0.02%	trans-Cadina-1(6),4-diene	Sesquiterpene
55	31.75	0.29%	gamma-Murolene	Sesquiterpene
56	32.06	0.02%	ar-Curcumene	Sesquiterpene
57	32.25	0.04%	beta-Selinene	Sesquiterpene
58	32.38	0.02%	Viridiflorene	Sesquiterpene
59	32.56	0.04%	alpha-Selinene	Sesquiterpene
60	32.73	0.09%	alpha-Murolene	Sesquiterpene
61	33.15	0.09%	beta-Bisabolene	Sesquiterpene
62	33.27	0.18%	gamma-Cadinene	Sesquiterpene
63	33.51	0.39%	beta-Cadinene	Sesquiterpene
64	33.60	0.03%	trans-Calamenene	Sesquiterpene
65	33.75	0.01%	beta-Sesquiphellandrene	Sesquiterpene
66	34.03	0.02%	trans-Cadina-1,4-diene	Sesquiterpene
67	34.20	0.01%	alpha-Cadinene	Sesquiterpene
68	34.34	0.01%	alpha-Calacorene	Sesquiterpene
69	35.86	0.14%	Caryophyllene oxide	Sesquiterpene Ether

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