



Client



Source



Organic Rose Geranium (*Pelargonium roseum*)  
MA-59194

Sample

Organic Rose Geranium (*Pelargonium*)  
Batch #:..... MA-59194  
Type:..... Essential Oil  
CAS Number:... 90082-55-6  
**Nature's Gift**

Client



Website

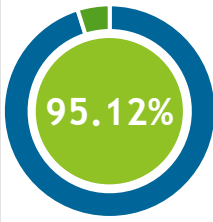
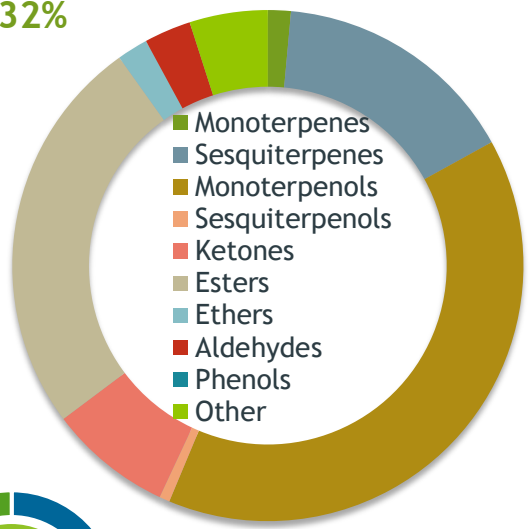


Primary

**20.48%** | Citronellol  
**12.30%** | Geraniol  
**10.63%** | Citronellyl formate

**Monoterpenols**

39.32%



**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 Organic Rose Geranium (*Pelargonium roseum*)

Internal Number: | EVS-4576



**Essential Validation Services**

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

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

*Alan Christen*

Monoterpenes	1.45%
Sesquiterpenes	15.53%
Monoterpenols	39.32%
Sesquiterpenols	0.66%
Ketones	7.80%
Esters	25.37%
Ethers	1.96%
Aldehydes	2.96%
Phenols	0.00%
Other	4.95%

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

- 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- This report may not be published without the consent of Essential Validation Services.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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Total Percentage		95.12%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.35	0.03%	3-Methylpentanol	Aliphatic Alcohol
2	5.61	0.01%	(E)-Hex-3-en-1-ol	Aliphatic Alcohol
3	6.04	0.01%	1-Hexanol	Aliphatic Alcohol
4	7.73	0.01%	Tricyclene	Monoterpene
5	8.15	0.50%	alpha-Pinene	Monoterpene
6	8.75	0.01%	Camphene	Monoterpene
7	9.70	0.01%	Sabinene	Monoterpene
8	9.86	0.05%	beta-Pinene	Monoterpene
9	10.08	0.01%	1-Octen-3-ol	Aliphatic Alcohol
10	10.25	0.07%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
11	10.45	0.17%	Myrcene	Monoterpene
12	11.09	0.09%	alpha-Phellandrene	Monoterpene
13	11.89	0.09%	para-Cymene	Monoterpene
14	12.10	0.25%	Limonene	Monoterpene
15	12.20	0.23%	1,8-Cineole	Monoterpene Ether
16	12.48	0.10%	(Z)-beta-Ocimene	Monoterpene
17	12.94	0.09%	(E)-beta-Ocimene	Monoterpene
18	13.40	0.02%	trans-Sabinene hydrate	Monoterpenol
19	13.96	0.20%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
20	14.09	0.01%	1-Octanol	Aliphatic Alcohol
21	14.64	0.03%	Terpinolene	Monoterpene
22	14.69	0.08%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
23	14.84	0.01%	para-Cymenene	Monoterpene
24	15.38	4.18%	Linalool	Monoterpenol
25	15.46	0.09%	6-Methyl-3,5-heptadien-2-one	Monoterpene Ketone
26	15.60	0.01%	Nonanal	Aliphatic Aldehyde
27	15.79	1.22%	cis-Rose oxide	Monoterpene Ether
28	16.32	0.01%	Myrcenol	Monoterpenol
29	16.51	0.51%	trans-Rose oxide	Monoterpene Ether
30	16.66	0.04%	Alloocimene	Monoterpene
31	17.48	0.36%	Isopulegol	Monoterpenol
32	17.76	1.69%	Citronellal	Monoterpene Aldehyde
33	17.81	0.94%	Menthone	Monoterpene Ketone
34	17.92	0.24%	neo-Isopulegol	Monoterpenol
35	18.24	6.48%	Isomenthone	Monoterpene Ketone

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Number	RT	Area %	Compound Name	Chemical Family
36	18.57	0.02%	para-Mentha-1,5-dien-8-ol	Monoterpene Ketone
37	18.87	0.03%	Menthol	Monoterpenol
38	18.97	0.06%	Terpinen-4-ol	Monoterpenol
39	19.33	0.16%	Neoisomenthol	Monoterpenol
40	19.65	0.39%	alpha-Terpineol	Monoterpenol
41	20.95	0.04%	neo-Dihydrocarveol	Monoterpenol
42	21.07	0.58%	Nerol	Monoterpenol
43	21.34	20.48%	Citronellol	Monoterpenol
44	21.66	0.58%	Citral	Monoterpene Aldehyde
45	21.85	0.22%	Carvone	Monoterpene Ketone
46	22.37	12.30%	Geraniol	Monoterpenol
47	22.74	0.14%	trans-Myrtanol	Monoterpenol
48	22.87	0.03%	cis-Isogeraniol	Monoterpenol
49	23.01	0.68%	Geranial	Monoterpene Aldehyde
50	23.34	10.63%	Citronellyl formate	Monoterpene Ester
51	23.44	0.32%	Neryl formate	Monoterpene Ester
52	24.41	5.60%	Geranyl formate	Monoterpene Ester
53	25.76	0.01%	delta-Elemene	Sesquiterpene
54	26.43	0.09%	alpha-Cubebene	Sesquiterpene
55	26.54	0.08%	2-Phenylethyl propionate	Monoterpene Ester
56	26.65	0.43%	Citronellyl acetate	Monoterpene Ester
57	27.02	0.03%	Neryl acetate	Monoterpene Ester
58	27.34	0.03%	alpha-Ylangene	Sesquiterpene
59	27.61	0.41%	alpha-Copaene	Sesquiterpene
60	27.93	1.76%	beta-Bourbonene	Sesquiterpene
61	28.23	0.20%	beta-Elemene	Sesquiterpene
62	28.39	0.15%	Phenylethyl isobutyrate	Phenolic ester
63	28.93	0.03%	alpha-Gurjunene	Sesquiterpene
64	29.41	1.34%	beta-Caryophyllene	Sesquiterpene
65	29.85	0.18%	beta-Gurjunene	Sesquiterpene
66	30.13	0.77%	alpha-Guaiene	Sesquiterpene
67	30.39	6.87%	6,9-Guaiadiene	Sesquiterpene
68	30.66	0.57%	Aromadendrene	Sesquiterpene
69	30.88	0.30%	alpha-Humulene	Sesquiterpene
70	31.07	0.13%	allo-Aromadendrene	Sesquiterpene
71	31.65	1.56%	Neryl propionate	Monoterpene Ester

