

Client



Source



Geranium (*Pelargonium Graveolens*)  
NF-GERA-19-A

Sample

Geranium (*Pelargonium Graveolens*)

Batch #:..... NF-GERA-19-A

Type:..... Essential Oil

CAS Number:... 8000-46-2

Nature's Fusions

Client



Website



Primary

**31.82%**

**Citronellol**

**14.20%**

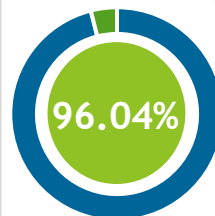
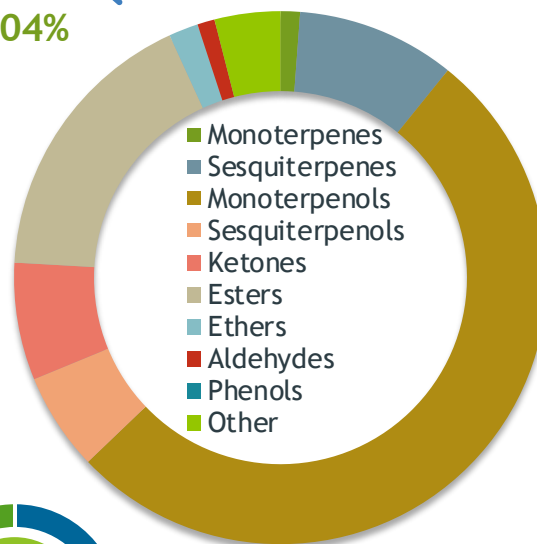
**Geraniol**

**7.84%**

**Citronellyl formate**

Monoterpenols

52.04%



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 Geranium (*Pelargonium Graveolens*)

Internal Number: | EVS-2900



Essential Validation Services

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Gainesville, FL 32601

317.361.5044 |

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Monoterpenes	1.18%
Sesquiterpenes	9.63%
Monoterpenols	52.04%
Sesquiterpenols	5.93%
Ketones	7.12%
Esters	17.27%
Ethers	1.79%
Aldehydes	1.05%
Phenols	0.00%
Other	3.99%

Client


**Nature's FUSIONS**  
 ESSENTIAL OILS

Source



*Geranium (Pelargonium Graveolens)*  
 NF-GERA-19-A

Total Percentage		96.04%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	9.33	0.03%	(Z)-3-Hexenol	850.00	Aliphatic Alcohol
2	12.85	0.43%	alpha-Pinene	936.10	Monoterpene
3	14.45	0.07%	beta-Pinene	974.00	Monoterpene
4	15.08	0.04%	6-Methyl-5-hepten-2-one	982.00	Aliphatic Ketone
5	15.25	0.16%	Myrcene	989.20	Monoterpene
6	15.82	0.04%	alpha-Phellandrene	1002.00	Monoterpene
7	16.65	0.08%	para-Cymene	1024.30	Monoterpene
8	16.84	0.27%	Limonene	1029.50	Monoterpene
9	16.85	Co-Eluting	beta-Phellandrene	1030.00	Monoterpene
10	17.20	0.05%	(Z)-beta-Ocimene	1037.80	Monoterpene
11	17.63	0.08%	(E)-beta-Ocimene	1047.70	Monoterpene
12	18.64	0.30%	cis-Linalool oxide (5) (furanoid)	1075.10	Monoterpenol
13	19.29	0.19%	trans-Linalool oxide (5) (furanoid)	1092.20	Monoterpenol
14	19.75	4.81%	Linalool	1099.00	Monoterpenol
15	19.93	0.06%	6-Methyl-3,5-heptadien-2-one	1105.00	Monoterpene Ketone
16	20.18	1.09%	cis-Rose oxide	1110.00	Monoterpene Ether
17	20.85	0.46%	trans-Rose oxide	1127.33	Monoterpene Ether
18	21.58	0.08%	Isopulegol	1151.25	Monoterpenol
19	21.90	2.37%	Menthone	1155.00	Monoterpene Ketone
20	22.32	4.65%	Isomenthone	1164.33	Monoterpene Ketone
21	22.80	0.10%	Terpinen-4-ol	1180.57	Monoterpenol
22	23.03	0.15%	Isomenthol	1183.75	Monoterpenol
23	23.29	0.39%	alpha-Terpineol	1191.71	Monoterpenol
24	24.74	31.82%	Citronellol	1229.25	Monoterpenol
25	25.10	0.43%	Neral	1246.57	Monoterpene Aldehyde
26	25.65	14.20%	Geraniol	1255.29	Monoterpenol
27	26.13	0.62%	Geranial	1272.00	Monoterpene Aldehyde
28	26.30	7.84%	Citronellyl formate	1279.00	Monoterpene Ester
29	26.49	0.08%	Neryl formate	1280.50	Monoterpene Ester
30	27.21	3.15%	Geranyl formate	1304.35	Monoterpene Ester
31	28.88	0.39%	Citronellyl acetate	1357.83	Monoterpene Ester
32	28.95	0.14%	alpha-Ylangene	1371.33	Sesquiterpene
33	29.00	0.06%	alpha-Cubebene	1355.71	Sesquiterpene
34	29.88	0.97%	alpha-Copaene	1379.00	Sesquiterpene
35	30.22	1.01%	beta-Bourbonene	1388.70	Sesquiterpene

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

