

Client



Source



Geranium (Pelargonium graveolens)

FR-59471 - France

Sample

Geranium (Pelargonium graveolens)

Identification #: FR-59471
 Type:..... Essential Oil
 CAS Number:... 8000-46-2

Nature's Gift

Properties

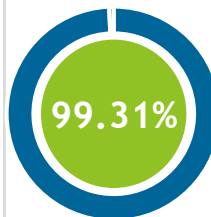
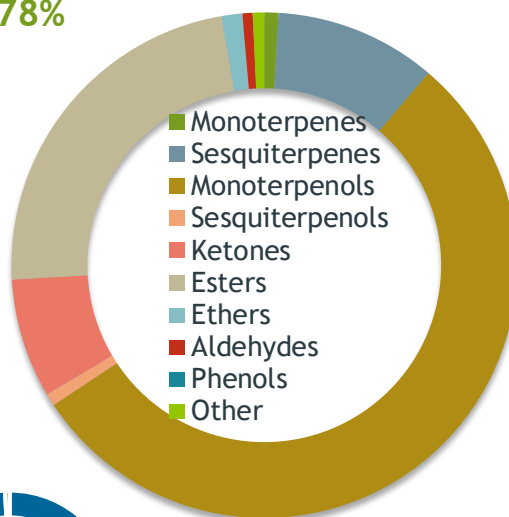
Country Of Origin | France
 Specific Gravity | NT
 Refractive Index | NT

Primary

24.36% | Citronellol
16.67% | Geraniol
10.97% | Linalool

Monoterpenols

53.78%



Percentage Identified

Result



7/15/2025

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-6855



Essential Validation Services

240 Goose Hollow Road
 Berthoud, CO 80513
 317.361.5044 |

<https://essentialvalidationservices.com/>

Alan Christen

Monoterpenes	0.89%
Sesquiterpenes	10.25
Monoterpenols	53.78%
Sesquiterpenols	0.79%
Ketones	7.54%
Esters	22.93%
Ethers	1.31%
Aldehydes	0.65%
Phenols	0.00%
Other	0.72%

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Total Percentage		99.31%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.29	0.02%	3-Methylpentanol	Aliphatic Alcohol
2	8.05	0.44%	alpha-Pinene	Monoterpene
3	10.15	0.05%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
4	10.33	0.11%	Myrcene	Monoterpene
5	10.97	0.07%	Pseudolimonene	Monoterpene
6	11.78	0.06%	para-Cymene	Monoterpene
7	11.97	0.10%	Limonene	Monoterpene
8	12.36	0.06%	(Z)-beta-Ocimene	Monoterpene
9	12.81	0.05%	(E)-beta-Ocimene	Monoterpene
10	13.82	0.18%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
11	14.55	0.08%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
12	15.28	10.97%	Linalool	Monoterpenol
13	15.38	0.05%	6-Methyl-3,5-heptadien-2-one	Monoterpene Ketone
14	15.65	0.92%	cis-Rose oxide	Monoterpene Ether
15	16.37	0.39%	trans-Rose oxide	Monoterpene Ether
16	17.34	0.06%	Isopulegol	Monoterpenol
17	17.68	1.87%	Menthone	Monoterpene Ketone
18	18.09	5.57%	Isomenthone	Monoterpene Ketone
19	19.19	0.08%	Neoisomenthol	Monoterpenol
20	19.51	0.82%	alpha-Terpineol	Monoterpenol
21	20.91	0.45%	Nerol	Monoterpenol
22	21.19	24.36%	Citronellol	Monoterpenol
23	21.51	0.20%	Neral	Monoterpene Aldehyde
24	22.23	16.67%	Geraniol	Monoterpenol
25	22.37	0.01%	neo-Menthyl acetate	Monoterpene Ester
26	22.60	0.11%	trans-Myrtanol	Monoterpenol
27	22.85	0.45%	Geranial	Monoterpene Aldehyde
28	23.15	10.17%	Citronellyl formate	Monoterpene Ester
29	23.25	0.22%	Neryl formate	Monoterpene Ester
30	24.23	6.17%	Geranyl formate	Monoterpene Ester
31	24.44	0.05%	19.96 Menth-1-en-9-ol<para->	0.00
32	26.21	0.06%	alpha-Cubebene	Sesquiterpene
33	26.37	0.04%	2-Phenylethyl propionate	Monoterpene Ester
34	26.45	0.33%	Citronellyl acetate	Monoterpene Ester
35	27.39	0.28%	alpha-Copaene	Sesquiterpene

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Number	RT	Area %	Compound Name	Chemical Family
36	27.705	1.23%	beta-Bourbonene	Sesquiterpene
37	28.02	0.10%	beta-Elemene	Sesquiterpene
38	28.20	0.07%	Phenylethyl isobutyrate	Phenolic ester
39	29.18	0.88%	beta-Caryophyllene	Sesquiterpene
40	29.90	0.55%	alpha-Guaiene	Sesquiterpene
41	30.15	5.13%	6,9-Guaiadiene	Sesquiterpene
42	30.23	0.43%	Citronellyl propionate	Monoterpene Ester
43	30.42	0.37%	beta-Copaene	Sesquiterpene
44	30.65	0.17%	alpha-Humulene	Sesquiterpene
45	30.83	0.06%	allo-Aromadendrene	Sesquiterpene
46	31.43	1.07%	Geranyl propionate	Monoterpene Ester
47	31.71	0.42%	Germacrene D	Sesquiterpene
48	31.85	0.06%	28.07 Citronellol isobutanoate	0.00
49	32.00	0.24%	beta-Selinene	Sesquiterpene
50	32.32	0.05%	alpha-Selinene	Sesquiterpene
51	32.48	0.11%	alpha-Muurolene	Sesquiterpene
52	32.98	0.38%	Geranyl isobutyrate	Monoterpene Ester
53	33.27	0.39%	delta-Cadinene	Sesquiterpene
54	33.37	0.21%	trans-Calamenene	Sesquiterpene
55	33.66	0.86%	30.05 Citronellyl butanoate	0.00
56	33.95	0.13%	(Z)-Nerolidol	Sesquiterpenol
57	34.84	1.18%	Geranyl butyrate	Monoterpene Ester
58	35.61	0.54%	Longipinanol	Sesquiterpenol
59	35.80	0.39%	2-Phenylethyl tiglate	Phenolic Ester
60	36.41	0.35%	Geranyl 2-methylbutyrate	Monoterpene Ester
61	36.69	0.10%	Geranyl isovalerate	Aliphatic Ester
62	36.94	0.08%	1,10-di-epi-Cubenol	Sesquiterpenol
63	37.33	0.02%	33.82 Citronellyl pentanoate	0.00
64	37.97	0.04%	1-epi-Cubenol	Sesquiterpenol
65	38.48	0.07%	35.02 Geranyl valerate	0.00
66	38.82	0.24%	Citronellyl tiglate	Monoterpene Ester
67	39.57	0.08%	35.46 Citronellyl tiglate<E->	0.00
68	40.07	1.66%	Geranyl tiglate	Monoterpene Ester
69	40.70	0.12%	Geranyl caproate	Monoterpene Ester
70	62.19	0.01%	Nonacosane	Alkane

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