

Client



Source



Petitgrain (*Citrus aurantium*)
EG-59202

Sample

Petitgrain (*Citrus aurantium*)
Batch #:..... EG-59202
Type:..... Essential Oil
CAS Number:... 8014-17-3
Nature's Gift

Client



Website

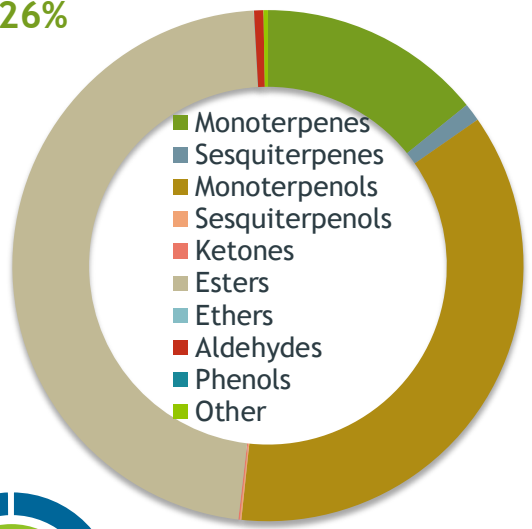


Primary

39.75% | Linalyl acetate
29.67% | Linalool
5.21% | alpha-Terpineol

Esters

47.26%



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 Petitgrain (*Citrus aurantium*)

Internal Number: | EVS-4666



Essential Validation Services

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

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

Alan Chastain

Monoterpenes	14.18%	14.18%
Sesquiterpenes	1.14%	1.14%
Monoterpenols	36.34%	36.34%
Sesquiterpenols	0.10%	0.10%
Ketones	0.09%	0.09%
Esters	47.26%	47.26%
Ethers	0.02%	0.02%
Aldehydes	0.59%	0.59%
Phenols	0.00%	0.00%
Other	0.28%	0.28%

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Total Percentage		99.72%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.92	0.03%	alpha-Thujene	Monoterpene
2	8.15	0.18%	alpha-Pinene	Monoterpene
3	8.76	0.02%	Camphene	Monoterpene
4	9.70	0.36%	Sabinene	Monoterpene
5	9.87	1.70%	beta-Pinene	Monoterpene
6	10.25	0.09%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
7	10.45	2.36%	Myrcene	Monoterpene
8	11.10	0.06%	alpha-Phellandrene	Monoterpene
9	11.20	0.98%	delta-3-Carene	Monoterpene
10	11.57	0.04%	alpha-Terpinene	Monoterpene
11	11.69	0.01%	para-Cymene	Monoterpene
12	11.90	0.08%	ortho-Cymene	Monoterpene
13	12.11	4.02%	Limonene	Monoterpene
14	12.48	0.76%	(Z)-beta-Ocimene	Monoterpene
15	12.95	2.83%	(E)-beta-Ocimene	Monoterpene
16	13.42	0.07%	gamma-Terpinene	Monoterpene
17	13.97	0.09%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
18	14.64	0.55%	Terpinolene	Monoterpene
19	15.52	29.67%	Linalool	Monoterpenol
20	16.42	0.01%	cis-para-Menth-2-en-1-ol	Monoterpenol
21	16.66	0.13%	Alloocimene	Monoterpene
22	17.76	0.06%	Citronellal	Monoterpene Aldehyde
23	18.97	0.11%	Terpinen-4-ol	Monoterpenol
24	19.33	0.01%	para-Cymen-8-ol	Monoterpenol
25	19.69	5.21%	alpha-Terpineol	Monoterpenol
26	21.09	1.20%	Nerol	Monoterpenol
27	21.26	0.04%	Citronellol	Monoterpenol
28	21.65	0.21%	Neral	Monoterpene Aldehyde
29	22.40	39.75%	Linalyl acetate	Monoterpene Ester
30	23.01	0.32%	Geranial	Monoterpene Aldehyde
31	25.77	0.08%	delta-Elemene	Sesquiterpene
32	25.85	0.06%	Linalyl propionate	Monoterpene Ester
33	26.43	0.11%	alpha-Terpinyl acetate	Monoterpene Ester
34	26.65	0.05%	Citronellyl acetate	Monoterpene Ester
35	27.04	2.59%	Neryl acetate	Monoterpene Ester

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Number	RT	Area %	Compound Name	Chemical Family
36	27.893	4.59%	Geranyl acetate	Monoterpene Ester
37	28.24	0.02%	beta-Elemene	Sesquiterpene
38	28.86	0.11%	Methyl N-methyl anthranilate	Phenolic Ester
39	29.41	0.71%	beta-Caryophyllene	Sesquiterpene
40	29.90	0.01%	gamma-Elemene	Sesquiterpene
41	30.87	0.07%	alpha-Humulene	Sesquiterpene
42	30.96	0.05%	(E)-beta-Farnesene	Sesquiterpene
43	31.94	0.02%	Germacrene D	Sesquiterpene
44	32.53	0.13%	Bicyclogermacrene	Sesquiterpene
45	33.06	0.02%	(E,E)-alpha-Farnesene	Sesquiterpene
46	33.50	0.03%	beta-Cadinene	Sesquiterpene
47	35.24	0.08%	(E)-Nerolidol	Sesquiterpenol
48	35.68	0.02%	Spathulenol	Sesquiterpenol
49	35.85	0.02%	Caryophyllene oxide	Sesquiterpene Ether

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