

Client



Source



Petitgrain Bigarade Organic
(Citrus aurantium amara)
B730040

Sample

Petitgrain Bigarade (Citrus aurantium amara)
Batch #:..... B730040
Type:..... Organic Essential Oil
CAS Number:.... 8016-38-4
Natural Sourcing LLC

Client



Website

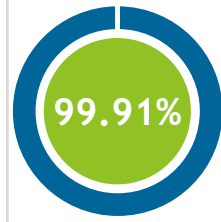
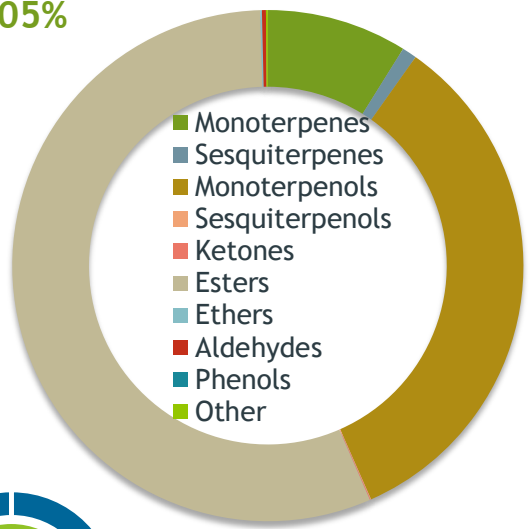


Primary

47.35% | Linalyl acetate
26.21 | Linalool
5.93% | alpha-Terpineol

Esters

56.05%



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 Bigarade Organic (Citrus aurantium amara)
Internal Number: | EVS-4038



Essential Validation Services

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

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

Alan Christen

Monoterpenes	8.88	8.88%
Sesquiterpenes		0.93%
Monoterpenols	33.57%	33.57%
Sesquiterpenols		0.04%
Ketones		0.05%
Esters	56.05%	56.05%
Ethers		0.11%
Aldehydes		0.25%
Phenols		0.00%
Other		0.12%

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NATURAL SOURCING
 Cosmetic and Personal Care Ingredient Specialists
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Source


Petitgrain Bigarade Organic
(Citrus aurantium amara)
B730040

Total Percentage		99.91%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.72	0.02%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
2	6.15	0.01%	1-Hexanol	Aliphatic Alcohol
3	8.03	0.01%	alpha-Thujene	Monoterpene
4	8.28	0.11%	alpha-Pinene	Monoterpene
5	9.84	0.22%	Sabinene	Monoterpene
6	10.00	0.99%	beta-Pinene	Monoterpene
7	10.40	0.05%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
8	10.59	2.50%	Myrcene	Monoterpene
9	11.24	0.04%	alpha-Phellandrene	Monoterpene
10	11.34	0.55%	delta-3-Carene	Monoterpene
11	11.71	0.03%	2-Carene	Monoterpene
12	12.04	0.03%	para-Cymene	Monoterpene
13	12.25	0.97%	Limonene	Monoterpene
14	12.36	0.11%	1,8-Cineole	Monoterpene Ether
15	12.63	0.69%	(Z)-beta-Ocimene	Monoterpene
16	13.09	2.17%	(E)-beta-Ocimene	Monoterpene
17	13.57	0.04%	gamma-Terpinene	Monoterpene
18	14.13	0.06%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
19	14.79	0.41%	Terpinolene	Monoterpene
20	14.88	0.03%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
21	15.62	26.21%	Linalool	Monoterpenol
22	15.71	0.02%	Hotrienol	Monoterpenol
23	16.82	0.12%	Alloocimene	Monoterpene
24	17.91	0.02%	Citronellal	Monoterpene Aldehyde
25	19.14	0.10%	Terpinen-4-ol	Monoterpenol
26	19.85	5.93%	alpha-Terpineol	Monoterpenol
27	21.25	1.22%	Nerol	Monoterpenol
28	21.82	0.09%	Neral	Monoterpene Aldehyde
29	22.54	47.35%	Linalyl acetate	Monoterpene Ester
30	23.18	0.14%	Geranial	Monoterpene Aldehyde
31	25.95	0.08%	delta-Elemene	Sesquiterpene
32	26.02	0.05%	Linalyl propionate	Monoterpene Ester
33	26.60	0.11%	alpha-Terpinyl acetate	Monoterpene Ester
34	26.82	0.03%	Citronellyl acetate	Monoterpene Ester
35	27.21	3.06%	Neryl acetate	Monoterpene Ester

 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

