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Balancing Body, Mind and Spirit with Pure Essential Oils

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Bergamot

Citrus bergamia

Batch No. IT-59180

Italy

Monoterpenes 55.46%		Aldehydes 0.21%		Sesquiterpenes 0.58%	
limonene	34.80	geranial	0.08	β bisabolene	0.57
β pinene	6.78	octanal	0.06	β sesquiphellandrene	0.01
γ terpinene	6.46	neral	0.04		
sabinene	1.67	nonanal	0.03		
para-cymene	1.50				
α pinene	1.50				
myrcene	1.37				
α terpinene	0.41				
α thujene	0.36				
terpinolene	0.20				
(E) β ocimene	0.16				
α phellandrene	0.09				
camphene	0.08				
(Z) β ocimene	0.07				
alloocimene	0.01				

Esters 28.67%		Ketones 0.02%	
linalyl acetate	27.19	6-methyl-5-hepten-2-on	0.01
geranyl acetate	0.74	camphor	0.01
neryl acetate	0.7		
isopropyl tiglate	0.03		
isopulegyl acetate	0.01		

Monoterpenols 14.77%		Ethers 0.03%		Other 0.06%	
linalol	14.67	(E) limonene oxide	0.02	nor-davanone	0.06
(Z) linalool oxide (5)(furanoid)	0.06	(Z) limonene oxide	0.01		
(E) linalool oxide (5)(furanoid)	0.04				

Raw Material: rhind

Botanical Name: Citrus bergamia

Production Method: Steam distillation

Date of analysis: 6/18/2021

Client



Source



Bergamot FCF (Citrus bergamia)
IT-59180

Sample

Bergamot FCF (Citrus bergamia)
Batch #:..... IT-59180
Type:..... Essential Oil
CAS Number:... 8007-75-8
Nature's Gift

Client



Website

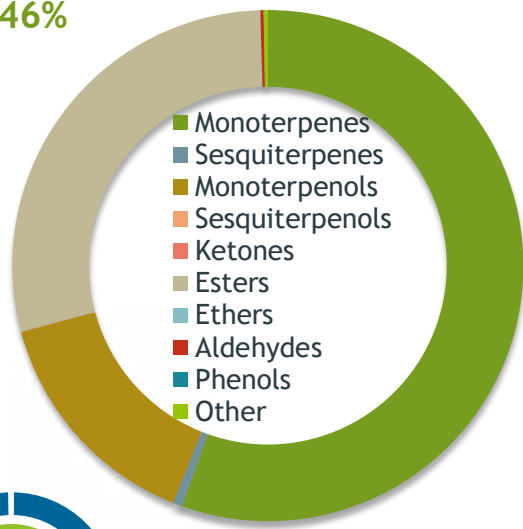


Primary

34.80% | Limonene
27.19% | Linalyl acetate
14.67% | Linalool

Monoterpenes

55.46%



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 Bergamot FCF (Citrus bergamia)

Internal Number: | EVS-4414



Essential Validation Services

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

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

Adam Christian

Monoterpenes	55.46%	55.46%
Sesquiterpenes	0.58%	0.58%
Monoterpenols	14.77%	14.77%
Sesquiterpenols	0.00%	0.00%
Ketones	0.02%	0.02%
Esters	28.67%	28.67%
Ethers	0.03%	0.03%
Aldehydes	0.21%	0.21%
Phenols	0.00%	0.00%
Other	0.26%	0.26%

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

Client



Source



Bergamot FCF (Citrus bergamia)

IT-59180

Total Percentage		99.80%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.93	0.36%	alpha-Thujene	Monoterpene
2	8.18	1.50%	alpha-Pinene	Monoterpene
3	8.79	0.08%	Camphene	Monoterpene
4	9.59	0.03%	Isopropyl tiglate	Aliphatic Ester
5	9.74	1.67%	Sabinene	Monoterpene
6	9.91	6.78%	beta-Pinene	Monoterpene
7	10.31	0.01%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
8	10.49	1.37%	Myrcene	Monoterpene
9	11.08	0.06%	Octanal	Aliphatic Aldehyde
10	11.13	0.09%	alpha-Phellandrene	Monoterpene
11	11.61	0.41%	alpha-Terpinene	Monoterpene
12	11.95	1.50%	para-Cymene	Monoterpene
13	12.24	34.80%	Limonene	Monoterpene
14	12.53	0.07%	(Z)-beta-Ocimene	Monoterpene
15	12.98	0.16%	(E)-beta-Ocimene	Monoterpene
16	13.47	6.46%	gamma-Terpinene	Monoterpene
17	14.02	0.06%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
18	14.68	0.20%	Terpinolene	Monoterpene
19	14.75	0.04%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
20	15.48	14.67%	Linalool	Monoterpenol
21	15.65	0.03%	Nonanal	Aliphatic Aldehyde
22	16.70	0.01%	Alloocimene	Monoterpene
23	16.82	0.02%	trans-Limonene oxide	Monoterpene Ether
24	17.02	0.01%	cis-Limonene oxide	Monoterpene Ether
25	17.40	0.01%	Camphor	Monoterpene Ketone
26	21.69	0.04%	Neral	Monoterpene Aldehyde
27	22.08	0.06%	nor-Davanone	Furan
28	22.39	27.19%	Linalyl acetate	Monoterpene Ester
29	23.04	0.08%	Geranial	Monoterpene Aldehyde
30	23.70	0.01%	Isopulegyl acetate	Monoterpene Ester
31	27.07	0.70%	Neryl acetate	Monoterpene Ester
32	27.91	0.74%	Geranyl acetate	Monoterpene Ester
33	33.18	0.57%	beta-Bisabolene	Sesquiterpene
34	33.79	0.01%	beta-Sesquiphellandrene	Sesquiterpene