

Pink Peppercorn *Schinus terebinthifolia* Raddi

Batch # MA-59198

Madagascar, Organically produced

Monoterpenes		Monoterpenols		Sesquiterpenes	
83.26%		1.8%		10.43%	
α-phellandrene	22.24	Terpinen-4-ol	1.03	α-copaene	0.19
α-pinene	19.55	(E) sabinene hydrate	0.08	β-caryophyllene	0.84
sabinene	15.99	(Z) sabinene hydrate	0.07	α-humulene	0.10
limonene	12.24	(Z) para-menth-2-en-1-ol	0.08	germacrene-d	5.19
para-cymene	3.02	(E) pinocarveol	0.02	allo-aromadendrene	0.08
Δ-3-carene	2.77	borneol	0.04	δ elemene	0.64
β-pinene	2.29	para-cymen-8-ol	0.03	α Ylangene	0.04
myrcene	1.99	α terpineol	0.09	β bourbonene	0.01
terpinolene	0.88	cis-piperitol	0.02	β elemene	0.07
γ-terpinene	0.70	cis-pinocarveol	0.24	γ elemene	0.52
α terpinene	0.65	trans-piperitol	0.03	β copaene	0.09
α thujene	0.63	γ terpineol	0.01	aromadendrene	0.18
camphene	0.14	citronellol	0.03	(Z) cadina-1(6),4-diene	0.06
(Z) β ocimene	0.05	carvacrol	0.03	(E) cadina-1(6),4-diene	0.02
pseudolimonene	0.04			γ muurolene	0.23
(E) β ocimene	0.04			β guaiene	0.03
tricyclene	0.02			viridiflorene	0.12
para-cymenene	0.02			bicyclogermacrene	1.20
				α muurolene	0.11
				γ cadinene	0.14
				β cadinene	0.46
				(E) cadina-1,4-diene	0.02
				α cadinene	0.04
				germacrene B	0.05
		Ethers	0.15%		
		caryophyllene oxide	0.14		
		α pinene oxide	0.01		
Aldehydes	0.12%	Ketones	0.36%	Sesquiterpenols	1.27%
(Z) isocitral	0.05	camphor	0.04	spathulenol	0.90
(E) isocitral	0.05	cryptone	0.03	elemol	0.02
phellandral	0.02	carvone	0.17	palustrol	0.07
		carvotanacetone	0.04	viridiflorol	0.02
				junenol	0.01
Esters	0.31%	piperitone	0.08	isospathulenol	0.06
bornyl acetate	0.05			τ cadinol	0.03
citronellyl acetate	0.26			τ muurolol	0.05
				α muurolol	0.02
				α cadinol	0.09



Raw Material: Berries

Production Method: Steam distillation

Date of Analysis: 9/2/2021

Client



Source

Organic Pink Peppercorn (*Schinus terebinthifolius raddi*)
MA-59198

Sample

Organic Pink Peppercorn (*Schinus*)
Batch #:..... MA-59198
Type:..... Essential Oil
CAS Number:.....
Nature's Gift

Client



Website

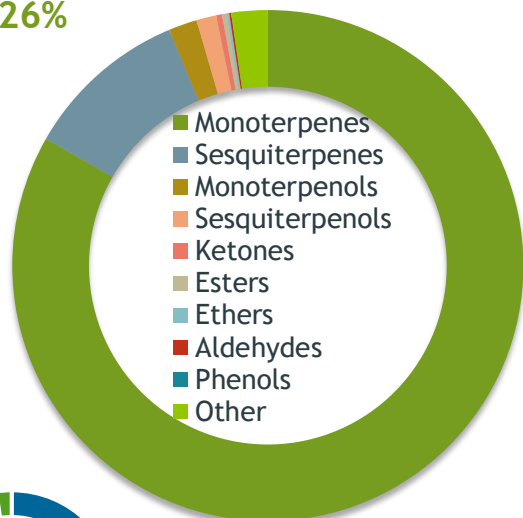


Primary

22.24% | alpha-Phellandrene
19.55% | alpha-Pinene
15.99% | Sabinene

Monoterpenes

83.26%



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 Organic Pink Peppercorn (*Schinus terebinthifolius raddi*)

Internal Number: | EVS-4580



Essential Validation Services

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

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

Alan Christen

Monoterpenes	83.26%	83.26%
Sesquiterpenes	10	10.43%
Monoterpenols		1.80%
Sesquiterpenols		1.27%
Ketones		0.36%
Esters		0.31%
Ethers		0.15%
Aldehydes		0.12%
Phenols		0.00%
Other		2.30%

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MA-59198

Total Percentage		97.70%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.74	0.02%	Tricyclene	Monoterpene
2	7.91	0.63%	alpha-Thujene	Monoterpene
3	8.18	19.55%	alpha-Pinene	Monoterpene
4	8.76	0.14%	Camphene	Monoterpene
5	9.73	15.99%	Sabinene	Monoterpene
6	9.87	2.29%	beta-Pinene	Monoterpene
7	10.45	1.99%	Myrcene	Monoterpene
8	11.00	0.04%	Pseudolimonene	Monoterpene
9	11.14	22.24%	alpha-Phellandrene	Monoterpene
10	11.22	2.77%	delta-3-Carene	Monoterpene
11	11.57	0.65%	alpha-Terpinene	Monoterpene
12	11.90	3.02%	para-Cymene	Monoterpene
13	12.13	12.24%	Limonene	Monoterpene
14	12.49	0.05%	(Z)-beta-Ocimene	Monoterpene
15	12.94	0.04%	(E)-beta-Ocimene	Monoterpene
16	13.41	0.70%	gamma-Terpinene	Monoterpene
17	13.93	0.08%	trans-Sabinene hydrate	Monoterpenol
18	14.64	0.88%	Terpinolene	Monoterpene
19	14.84	0.02%	para-Cymenene	Monoterpene
20	15.19	0.01%	alpha-Pinene oxide	Monoterpene Ether
21	15.32	0.07%	cis-Sabinene hydrate	Monoterpenol
22	16.39	0.08%	cis-para-Menth-2-en-1-ol	Monoterpenol
23	17.10	0.02%	trans-Pinocarveol	Monoterpenol
24	17.36	0.04%	Camphor	Monoterpene Ketone
25	17.54	0.05%	(Z)-isocitral	Monoterpene Aldehyde
26	18.45	0.04%	Borneol	Monoterpenol
27	18.96	1.03%	Terpinen-4-ol	Monoterpenol
28	19.14	0.05%	(E)-Isocitral	Monoterpene Aldehyde
29	19.20	0.03%	Cryptone	Monoterpene Ketone
30	19.29	0.03%	para-Cymen-8-ol	Monoterpenol
31	19.65	0.09%	alpha-Terpineol	Monoterpenol
32	19.73	0.02%	cis-Piperitol	Monoterpenol
33	19.99	0.24%	cis-Pinocarveol	Monoterpenol
34	20.31	0.03%	trans-Piperitol	Monoterpenol
35	20.66	0.01%	gamma-Terpineol	Monoterpenol

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terebinthifolius raddi*)
MA-59198

Number	RT	Area %	Compound Name	Chemical Family
36	21.213	0.03%	Citronellol	Monoterpenol
37	21.83	0.17%	Carvone	Monoterpene Ketone
38	22.05	0.04%	Carvotanacetone	Monoterpene Ketone
39	22.25	0.08%	Piperitone	Monoterpene Ketone
40	23.30	0.02%	Phellandral	Monoterpene Aldehyde
41	23.67	0.05%	Bornyl acetate	Monoterpene Ester
42	24.42	0.03%	Carvacrol	Monoterpenol
43	25.76	0.64%	delta-Elemene	Sesquiterpene
44	26.64	0.26%	Citronellyl acetate	Monoterpene Ester
45	27.34	0.04%	alpha-Ylangene	Sesquiterpene
46	27.61	0.19%	alpha-Copaene	Sesquiterpene
47	27.93	0.01%	beta-Bourbonene	Sesquiterpene
48	28.23	0.07%	beta-Elemene	Sesquiterpene
49	29.39	0.84%	beta-Caryophyllene	Sesquiterpene
50	29.90	0.52%	gamma-Elemene	Sesquiterpene
51	30.44	0.09%	beta-Copaene	Sesquiterpene
52	30.70	0.18%	Aromadendrene	Sesquiterpene
53	30.87	0.10%	alpha-Humulene	Sesquiterpene
54	31.06	0.08%	allo-Aromadendrene	Sesquiterpene
55	31.15	0.06%	cis-Cadina-1(6),4-diene	Sesquiterpene
56	31.61	0.02%	trans-Cadina-1(6),4-diene	Sesquiterpene
57	31.75	0.23%	gamma-Muurolene	Sesquiterpene
58	31.95	5.19%	Germacrene D	Sesquiterpene
59	32.24	0.03%	beta-Guaiene	Sesquiterpene
60	32.37	0.12%	Viridiflorene	Sesquiterpene
61	32.53	1.20%	Bicyclogermacrene	Sesquiterpene
62	32.71	0.11%	alpha-Muurolene	Sesquiterpene
63	33.26	0.14%	gamma-Cadinene	Sesquiterpene
64	33.50	0.46%	beta-Cadinene	Sesquiterpene
65	34.02	0.02%	trans-Cadina-1,4-diene	Sesquiterpene
66	34.18	0.04%	alpha-Cadinene	Sesquiterpene
67	34.65	0.02%	Elemol	Sesquiterpenol
68	34.97	0.05%	Germacrene B	Sesquiterpene
69	35.68	0.90%	Spathulenol	Sesquiterpenol
70	35.85	0.14%	Caryophyllene oxide	Sesquiterpene Ether
71	36.02	0.07%	Palustrol	Sesquiterpenol

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72	36.34	0.02%	Viridiflorol	Sesquiterpenol
73	37.37	0.01%	Junenol	Sesquiterpenol
74	37.67	0.06%	Isospathulenol	Sesquiterpenol
75	38.18	0.03%	T-Cadinol	Sesquiterpenol
76	38.26	0.05%	T-Muurolol	Sesquiterpenol
77	38.35	0.02%	alpha-Muurolol	Sesquiterpenol
78	38.66	0.09%	alpha-Cadinol	Sesquiterpenol

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