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Balancing Body, Mind and Spirit with Pure Essential Oils

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Rosalina Melaleuca ericifolia

Batch No. AU-59064
Australia

Monoterpenes	14.54%
α pinene	5.16
limonene	2.54
terpinolene	2.34
para-cymene	1.47
γ terpinene	1.16
β pinene	0.72
myrcene	0.38
(E)-β-ocimene	0.19
α thujene	0.18
Δ ³ carene	0.13
α terpinene	0.09
para-cymenene	0.08
pseudolimonene	0.06
(Z) β ocimene	0.03
camphene	0.01

Monoterpenols	45.59%
Linalol	38.27
α terpineol	4.71
cis-linalool oxide (5)	1.13
terpinen-4-ol	0.40
hotrienol	0.32
nerol	0.27
δ terpineol	0.21
para-cymen-8-ol	0.10
cis-linalool oxide (6)	0.08
trans-pinocarveol	0.04
citronellol	0.02
isopulegol	0.02
trans-carveol	0.01
fenchol	0.01

Sesquiterpenes	7.14%
aromadendrene	3.07
allo-aromadendrene	1.13
γ gurjunene	0.75
bicyclogermacrene	0.60
β selinene	0.53
δ elemene	0.24
isolekene	0.17
α gurjunene	0.10
cis-caryophyllene	0.1
longifolene	0.10
β caryophyllene	0.08
β cadinene	0.07
γ cadinene	0.06
β elemene	0.04
α guaiene	0.04
α muurolene	0.02
δ guaiene	0.02
β gurjunene	0.01
γ muurolene	0.01

Sesquiterpenols	1.24%
maaliol	0.38
spathulenol	0.25
rosifoliol	0.17
viridiflorol	0.13
longipinanol	0.13
palustrol	0.09
isospathulenol	0.05
ledol	0.04

Aldehydes	0
citral	0.13
neral	0.09

Esters	0.74%
phenylethyl isobutyrate	0.44
methyl geranate	0.23
isobutyl isobutyrate	0.03
isoamyl isobutyrate	0.02
butyl acetate	0.02
(Z)-3-hexenyl butyrate	0.01
isoamyl acetate	0.01
2-methylbutyl acetate	0.01

Ethers	28.1%
1,8-Cineole	28.1

Ketones	0.02%
6-methyl-5-heptenn-2-one	0.02
α thujone	0.02
2,4-dimethyl-3-pentanone	0.01

Other	0.01%
cis-hex-3-en-1-ol	0.01

Raw Material: Rosalina leaves
Botanical Name: Melaleuca ericifolia
Production Method: Steam distillation
Analyzed: 6/6//2020

Rosalina (*Melaleuca ericifolia*)
AU-59064

Client



Source



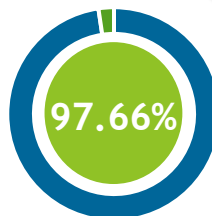
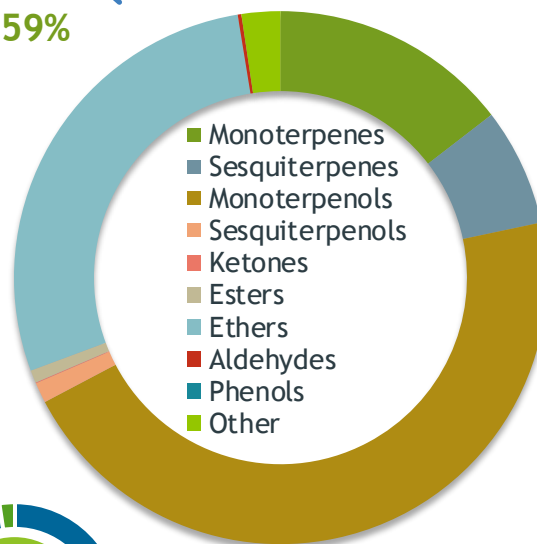
Sample

Rosalina (*Melaleuca ericifolia*)
Batch #:..... AU-59064
Type:..... Essential Oil
CAS Number:... 8014-68-4

Nature's Gift

Monoterpenols

45.59%



Percentage Identified

Client



Website



Primary

38.27% | Linalool
28.10% | 1,8-Cineole
5.16% | alpha-Pinene

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Rosalina (*Melaleuca ericifolia*)

Internal Number: | EVS-3713



Essential Validation Services

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

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<https://essentialvalidationservices.com/>
adam@essentialvalidationservices.com

Monoterpenes	14.54%	14.54%
Sesquiterpenes	7.14%	7.14%
Monoterpenols	45.59%	45.59%
Sesquiterpenols	1.24%	1.24%
Ketones	0.05%	0.05%
Esters	0.77%	0.77%
Ethers	28.10%	28.10%
Aldehydes	0.22%	0.22%
Phenols	0.00%	0.00%
Other	2.35%	2.35%

Client



Source

Rosalina (*Melaleuca ericifolia*)

AU-59064

Total Percentage		97.66%		
Number	RT	Area %	Compound Name	Chemical Family
1	3.90	0.01%	2,4-Dimethyl-3-pentanone	Aliphatic Ketone
2	5.41	0.02%	Butyl acetate	Aliphatic Ester
3	5.92	0.01%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
4	6.58	0.01%	Isoamyl acetate	Aliphatic Ester
5	6.65	0.01%	2-Methylbutyl acetate	Aliphatic Ester
6	7.89	0.03%	Isobutyl isobutyrate	Aliphatic Ester
7	8.31	0.18%	alpha-Thujene	Monoterpene
8	8.57	5.16%	alpha-Pinene	Monoterpene
9	9.19	0.01%	Camphene	Monoterpene
10	10.32	0.72%	beta-Pinene	Monoterpene
11	10.69	0.02%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
12	10.90	0.38%	Myrcene	Monoterpene
13	11.46	0.06%	Pseudolimonene	Monoterpene
14	11.56	0.13%	delta-3-Carene	Monoterpene
15	11.91	0.02%	Isoamyl isobutyrate	Aliphatic Ester
16	12.05	0.09%	alpha-Terpinene	Monoterpene
17	12.38	1.47%	para-Cymene	Monoterpene
18	12.62	2.54%	Limonene	Monoterpene
19	12.74	28.10%	1,8-Cineole	Monoterpene Ether
20	12.96	0.03%	(Z)-beta-Ocimene	Monoterpene
21	13.43	0.19%	(E)-beta-Ocimene	Monoterpene
22	13.91	1.16%	gamma-Terpinene	Monoterpene
23	14.46	1.13%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
24	15.16	2.34%	Terpinolene	Monoterpene
25	15.35	0.08%	para-Cymenene	Monoterpene
26	16.01	38.27%	Linalool	Monoterpenol
27	16.08	0.32%	Hotrienol	Monoterpenol
28	16.68	0.01%	Fenchol	Monoterpenol
29	17.47	0.02%	alpha-Thujone	Monoterpene Ketone
30	17.66	0.04%	trans-Pinocarveol	Monoterpenol
31	18.45	0.02%	Isopulegol	Monoterpenol
32	19.03	0.21%	delta-Terpineol	Monoterpenol
33	19.28	0.08%	cis-Linalool oxide (6) (pyranoid)	Monoterpenol
34	19.51	0.40%	Terpinen-4-ol	Monoterpenol
35	19.82	0.10%	para-Cymen-8-ol	Monoterpenol

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- 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

Client



Source

*Rosalina (Melaleuca ericifolia)*

AU-59064

Number	RT	Area %	Compound Name	Chemical Family
36	19.96	0.01%	(Z)-3-Hexenyl butyrate	Monoterpenol
37	20.21	4.71%	alpha-Terpineol	Monoterpenol
38	21.30	0.01%	trans-Carveol	Monoterpenol
39	21.74	0.02%	Citronellol	Monoterpenol
40	22.18	0.09%	Neral	Monoterpene Aldehyde
41	22.79	0.27%	Nerol	Monoterpenol
42	23.53	0.13%	Citral	Monoterpene Aldehyde
43	25.93	0.23%	Methyl geranate	Monoterpene Ester
44	26.35	0.24%	delta-Elemene	Sesquiterpene
45	28.01	0.17%	Isodene	Sesquiterpene
46	28.83	0.04%	beta-Elemene	Sesquiterpene
47	28.96	0.44%	Phenylethyl isobutyrate	Phenolic ester
48	30.01	0.10%	cis-Caryophyllene	Sesquiterpene
49	30.34	0.10%	Longifolene	Sesquiterpene
50	30.62	0.10%	alpha-Gurjunene	Sesquiterpene
51	30.81	3.07%	Aromadendrene	Sesquiterpene
52	30.96	0.04%	alpha-Guaiene	Sesquiterpene
53	31.24	0.01%	beta-Gurjunene	Sesquiterpene
54	31.48	0.08%	beta-Caryophyllene	Sesquiterpene
55	31.69	1.13%	allo-Aromadendrene	Sesquiterpene
56	32.35	0.01%	gamma-Murolene	Sesquiterpene
57	32.85	0.53%	beta-Selinene	Sesquiterpene
58	32.99	0.75%	gamma-Gurjunene	Sesquiterpene
59	33.15	0.60%	Bicyclogermacrene	Sesquiterpene
60	33.32	0.02%	alpha-Murolene	Sesquiterpene
61	33.86	0.06%	gamma-Cadinene	Sesquiterpene
62	34.11	0.07%	beta-Cadinene	Sesquiterpene
63	34.47	0.02%	delta-Guaiene	Sesquiterpene
64	35.74	0.13%	Longipinanol	Sesquiterpenol
65	36.04	0.09%	Palustrol	Sesquiterpenol
66	36.29	0.25%	Spathulenol	Sesquiterpenol
67	36.64	0.38%	Maaliol	Sesquiterpenol
68	36.96	0.13%	Viridiflorol	Sesquiterpenol
69	37.35	0.04%	Ledol	Sesquiterpenol
70	38.11	0.17%	Rosifoliol	Sesquiterpenol
71	38.45	0.05%	Isospathulenol	Sesquiterpenol

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