



316 Old Hickory Blvd East, Madison, TN 37115

tel (615)612-4270 fax (615)860-9171

sold@naturesgift.com

Balancing Body, Mind and Spirit with Pure Essential Oils

Since 1995

www.naturesgift.com

Lemon Myrtle

Backhousia citriodora

Batch No. AU-59283

Australia

Monoterpenes	0.29%	Sesquiterpenes	3.08%	Aldehydes	89.83%
myrcene	0.19	β caryophyllene	1.55	geranial	48.37
limonene	0.04	α copaene	0.56	neral	37.98
(E) β ocimene	0.01	α humulene	0.19	citronellal	0.59
para cymene	0.01	β elemene	0.16	exo-isocitral	0.17
pseudolimonene	0.01	(E) β farnesene	0.12	(Z) isocitral	0.73
o-ocimene	0.01	bicyclogermacrene	0.12	(E) isocitral	1.99
α terpinene	0.01	β bisabolene	0.08		
γ terpinene	0.01	δ cadinene	0.07		
		δ elemene	0.06		
		viridiflorene	0.04	Esters	0.38%
		aromadendrene	0.04	α terpinyl acetate	0.14
Monoterpenols	4.56%	9-epi (E) caryophyllene	0.02	geranyl acetate	0.12
α terpineol	1.75	β selinene	0.02	bornyl acetate	0.07
geraniol	1.14	trans α bergamotene	0.01	methyl salicylate	0.04
linalool	0.80	germacrene D	0.01	geranyl formate	0.01
borneol	0.24	γ selinene	0.01		
terpinen-4-ol	0.21	(E,E) α farnesene	0.01		
citronellol	0.20	cis α bisabolene	0.01		
nerol	0.13				
(E) carveol	0.06				
neo-isopulegol	0.03	Sesquiterpenols	0.01%	Ethers	0.1%
		spathulenol	0.01	caryophyllene oxide	0.10
Other	0.03%			Ketones	1.13%
neric acid	0.02			6-methyl-5-hepten-2-one	1.13
6-methyl-5-hepten-2-ol	0.01				

Client



Source



Lemon Myrtle (*Backhousia citriodora*)
AU-59283

Sample

Lemon Myrtle (*Backhousia citriodora*)
Batch #:..... AU-59283
Type:..... Essential Oil
CAS Number:... 84775-80-4
Nature's Gift

Client



Website

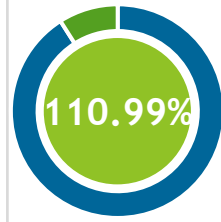
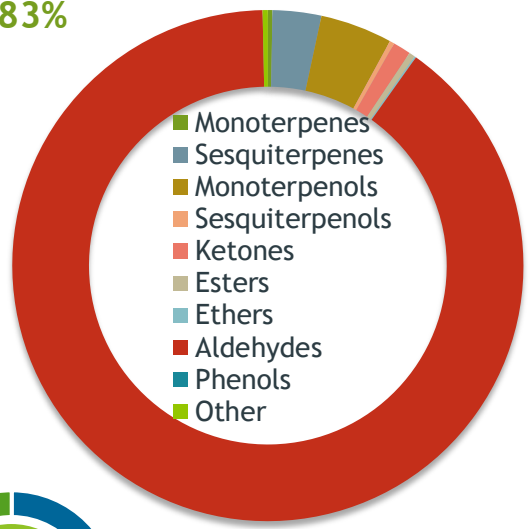


Primary

48.37% | Geranial
37.98% | Neral
8.07% | Chamazulene

Aldehydes

89.83%



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 Lemon Myrtle (*Backhousia citriodora*)

Internal Number: | EVS-5330



Essential Validation Services

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

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

Alan Chastain

Monoterpenes	0.29%
Sesquiterpenes	3.08%
Monoterpenols	4.56%
Sesquiterpenols	0.30%
Ketones	1.13%
Esters	0.38%
Ethers	0.10%
Aldehydes	89.83%
Phenols	0.00%
Other	0.33%

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

Client



Source

Lemon Myrtle (*Backhousia citriodora*)

AU-59283

Total Percentage		110.99%		
Number	RT	Area %	Compound Name	Chemical Family
1	10.04	1.13%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
2	10.24	0.19%	Myrcene	Monoterpene
3	10.42	0.01%	6-Methyl-5-hepten-2-ol	Aliphatic Alcohol
4	10.77	0.01%	Pseudolimonene	Monoterpene
5	10.83	0.01%	o-Cymene	Monoterpene
6	11.34	0.01%	alpha-Terpinene	Monoterpene
7	11.64	0.01%	para-Cymene	Monoterpene
8	11.88	0.04%	Limonene	Monoterpene
9	12.72	0.01%	(E)-beta-Ocimene	Monoterpene
10	13.18	0.01%	gamma-Terpinene	Monoterpene
11	15.14	0.80%	Linalool	Monoterpenol
12	17.10	0.17%	exo-Isocitral	Monoterpene Aldehyde
13	17.52	0.59%	Citronellal	Monoterpene Aldehyde
14	17.69	0.03%	neo-Isopulegol	Monoterpenol
15	17.96	0.73%	(Z)-isocitral	Monoterpene Aldehyde
16	18.32	0.24%	Borneol	Monoterpenol
17	18.74	0.21%	Terpinen-4-ol	Monoterpenol
18	18.83	1.99%	(E)-Isocitral	Monoterpene Aldehyde
19	19.25	0.04%	Methyl salicylate	Phenolic Ester
20	19.45	1.75%	alpha-Terpineol	Monoterpenol
21	19.95	0.06%	trans-Carveol	Monoterpenol
22	20.96	0.13%	Nerol	Monoterpenol
23	21.20	0.20%	Citronellol	Monoterpenol
24	21.68	37.98%	Neral	Monoterpene Aldehyde
25	22.20	1.14%	Geraniol	Monoterpenol
26	23.11	48.37%	Geranial	Monoterpene Aldehyde
27	23.50	0.07%	Bornyl acetate	Monoterpene Ester
28	24.17	0.01%	Geranyl formate	Monoterpene Ester
29	25.52	0.06%	delta-Elemene	Sesquiterpene
30	26.19	0.14%	alpha-Terpinyl acetate	Monoterpene Ester
31	26.45	0.02%	Neric acid	Monoterpene Acid
32	27.37	0.56%	alpha-Copaene	Sesquiterpene
33	27.63	0.12%	Geranyl acetate	Monoterpene Ester
34	27.99	0.16%	beta-Elemene	Sesquiterpene
35	29.16	1.55%	beta-Caryophyllene	Sesquiterpene

