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Healing Body, Mind and Spirit with Pure Essential Oils
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Palmarosa

Cymbopogon martini var sofia

Batch No. IN-58905
India

Monoterpenes	2.47%
(E) β ocimene	1.58
(Z) β ocimene	0.40
myrcene	0.31
limonene	0.12
terpinolene	0.04
allo ocimene	0.02

Monoterpenols	76.62%
geraniol	73.27
linalol	3.16
nerol	0.13
α terpineol	0.03
cis-Linalool oxide (5) (furanoid)	0.03

Sesquiterpenes	2.4%
β caryophyllene	1.98
β elemene	0.14
α humulene	0.12
α selinene	0.09
valencene	0.04
β -selinene	0.03

Ethers	0.19%
caryophyllene oxyde	0.19

Ketones	0.03%
6-methyl-5-hepten-2-one	0.03

Sequiterpenols	1.8%
(E,Z) farnesol	0.91
farnesol	0.74
(Z) Nerolidol	0.15

Esters	15.22%
geranyl acetate	14.69
geranyl butyrate	0.24
geranyl formate	0.14
(E,E)-farnesyl acetate	0.11
geranyl isovalerate	0.04

Aldehydes	0.61%
geranial	0.44
neral	0.17

Raw Material: Palmarosa
Taxonomy: *Cymbopogon martini*
Production Steam Dist.,USA, grass
Date of Analysis: 3/29/2019

Client



Source



Palma Rosa (*Cymbopogon martini* var *sofia*)
IN-58905

Sample

Palma Rosa (*Cymbopogon martini* var *sofia*)

Batch #:..... IN-58905

Type:..... Essential Oil

CAS Number:.... 8023-92-5

Nature's Gift

Client



Website

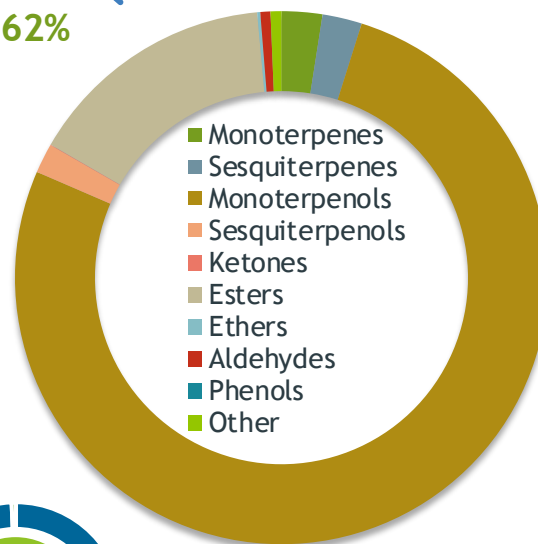


Primary

73.27%Geraniol14.69%Geranyl acetate3.16%Linalool

Monoterpenols

76.62%



Percentage
Identified

Result

APPROVED

Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine essential oil of Palma Rosa (*Cymbopogon martini* var *sofia*)

Internal Number: | EVS-2803



Essential Validation Services

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Adam Christen

Monoterpenes	2.47%
Sesquiterpenes	2.40%
Monoterpenols	76.62%
Sesquiterpenols	1.80%
Ketones	0.03%
Esters	15.22%
Ethers	0.19%
Aldehydes	0.61%
Phenols	0.00%
Other	0.66%

Client



Source



Palma Rosa (Cymbopogon martini var sofia)
IN-58905

Total Percentage		99.34%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	15.13	0.03%	6-Methyl-5-hepten-2-one	982.00	Aliphatic Ketone
2	15.30	0.31%	Myrcene	989.20	Monoterpene
3	16.88	0.12%	Limonene	1029.50	Monoterpene
4	17.24	0.40%	(Z)-beta-Ocimene	1037.80	Monoterpene
5	17.67	1.58%	(E)-beta-Ocimene	1047.70	Monoterpene
6	18.70	0.03%	cis-Linalool oxide (5) (furanoid)	1075.10	Monoterpenol
7	19.36	0.04%	Terpinolene	1092.10	Monoterpene
8	19.77	3.16%	Linalool	1099.00	Monoterpenol
9	20.93	0.02%	Alloocimene	1129.90	Monoterpene
10	23.36	0.03%	alpha-Terpineol	1191.71	Monoterpenol
11	24.68	0.13%	Nerol	1230.67	Monoterpenol
12	25.13	0.17%	Neral	1246.57	Monoterpene Aldehyde
13	25.83	73.27%	Geraniol	1255.29	Monoterpenol
14	26.22	0.44%	Geranial	1272.00	Monoterpene Aldehyde
15	27.27	0.14%	Geranyl formate	1304.35	Monoterpene Ester
16	30.00	14.69%	Geranyl acetate	1379.20	Monoterpene Ester
17	30.45	0.14%	beta-Elemene	1389.20	Sesquiterpene
18	31.43	1.98%	beta-Caryophyllene	1427.14	Sesquiterpene
19	32.51	0.12%	alpha-Humulene	1461.43	Sesquiterpene
20	33.43	0.09%	alpha-Selinene	1492.50	Sesquiterpene
21	33.53	0.03%	beta-Selinene	1487.57	Sesquiterpene
22	33.72	0.04%	Valencene	1504.00	Sesquiterpene
23	35.44	0.24%	Geranyl butyrate	1558.00	Monoterpene Ester
24	35.60	0.15%	(Z)-Nerolidol	1542.25	Sesquiterpenol
25	36.47	0.19%	Caryophyllene oxide	1594.86	Sesquiterpene Ether
26	36.86	0.04%	Geranyl isovalerate	1606.00	Aliphatic Ester
27	40.07	0.74%	Farnesol	1723.00	Sesquiterpenol
28	40.87	0.91%	(E,Z)-Farnesol	1725.00	Sesquiterpenol
29	43.18	0.11%	(E,E)-Farnesyl acetate	1839.67	Sesquiterpene Ester



Source



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