



Palmarosa
Cymbopogon martini var sofia

Batch No. IN-59388
India

Monoterpenes	2.43%
(E) β ocimene	1.70
(Z) β ocimene	0.33
myrcene	0.22
limonene	0.11
allo ocimene	0.06
α terpineol	0.01
terpinolene	

Monoterpenols	80.95%
geraniol	78.36
linalool	2.36
nerol	0.14
perillyl alcohol	0.03
cis-Linalool oxide (5) (furanoid)	0.02
trans-Linalool oxide (5) (furanoid)	0.02
cis-dehydroxylinalool oxide	0.01
citronellol	0.01

Sesquiterpenes	1.59%
β caryophyllene	1.36
β elemene	0.08
α humulene	0.07
α selinene	0.06
β -selinene	0.02

Ethers	0.13%
caryophyllene oxide	0.13

Ketones	0.04%
6-methyl-5-hepten-2-one	0.04

Sesquiterpenols	0.33%
(Z,E) farnesol	0.27
(E) Nerolidol	0.06

Esters	12.58%
geranyl acetate	12.13
geranyl butyrate	0.19
geranyl formate	0.10
geranyl caprylate	0.07
(E,E)-farnesyl acetate	0.03
geranyl isovalerate	0.03
neryl acetate	0.02
isoamyl acetate	0.01

Aldehydes	0.51%
geranial	0.36
neral	0.15

Other	0.02%
1-octanol	0.02

Client



Source



Palma Rosa (Cymbopogon martini var sofia)

IN-59388 - India

Sample

Palma Rosa (Cymbopogon martini var sofia)

Identification #: IN-59388
 Type:..... Essential Oil
 CAS Number:... 8023-92-5

Nature's Gift

Properties

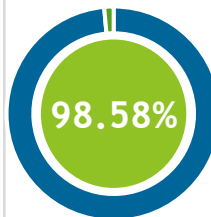
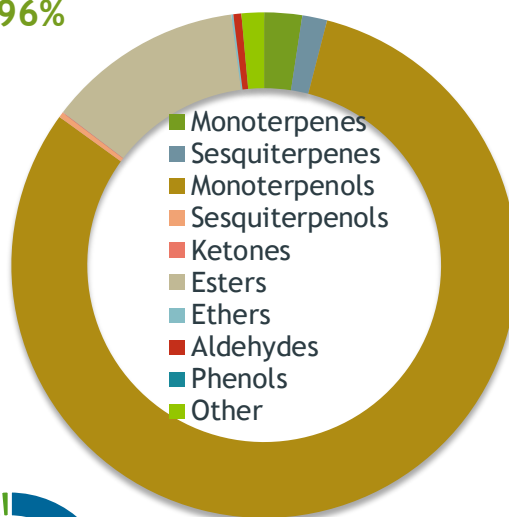
Country Of Origin | India
 Specific Gravity | NT
 Refractive Index | NT

Primary

78.36% | Geraniol
12.13% | Geranyl acetate
2.36% | Linalool

Monoterpenols

80.96%



Percentage Identified

Result



4/4/2024

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-6112



Essential Validation Services

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

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

Alan Christen

Monoterpenes	2.42%
Sesquiterpenes	1.59%
Monoterpenols	80.96%
Sesquiterpenols	0.33%
Ketones	0.04%
Esters	12.58%
Ethers	0.13%
Aldehydes	0.51%
Phenols	0.00%
Other	1.44%

ESSENTIAL VALIDATION SERVICES | 240 GOOSE HOLLOW ROAD BERTHOUD, CO 80513 | 317-361-5044

Client



Source

*Palma Rosa (Cymbopogon martini var sofia)*

IN-59388

Total Percentage		98.58%		
Number	RT	Area %	Compound Name	Chemical Family
1	6.33	0.01%	Isoamyl acetate	Aliphatic Ester
2	10.35	0.04%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
3	10.53	0.22%	Myrcene	Monoterpene
4	11.18	0.01%	cis-Dehydroxylinalool oxide	Monoterpenol
5	12.19	0.11%	Limonene	Monoterpene
6	12.56	0.33%	(Z)-beta-Ocimene	Monoterpene
7	13.02	1.70%	(E)-beta-Ocimene	Monoterpene
8	14.06	0.02%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
9	14.19	0.02%	1-Octanol	Aliphatic Alcohol
10	14.78	0.02%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
11	15.45	2.36%	Linalool	Monoterpenol
12	16.74	0.06%	Alloocimene	Monoterpene
13	19.76	0.01%	alpha-Terpineol	Monoterpenol
14	21.15	0.14%	Nerol	Monoterpenol
15	21.33	0.01%	Citronellol	Monoterpenol
16	21.72	0.15%	Neral	Monoterpene Aldehyde
17	22.60	78.36%	Geraniol	Monoterpenol
18	23.11	0.36%	Geranial	Monoterpene Aldehyde
19	24.05	0.03%	Perillyl alcohol	Monoterpenol
20	24.45	0.10%	Geranyl formate	Monoterpene Ester
21	27.09	0.02%	Neryl acetate	Monoterpene Ester
22	27.96	12.13%	Geranyl acetate	Monoterpene Ester
23	28.29	0.08%	beta-Elemene	Sesquiterpene
24	29.45	1.36%	beta-Caryophyllene	Sesquiterpene
25	30.92	0.07%	alpha-Humulene	Sesquiterpene
26	32.09	0.06%	alpha-Selinene	Sesquiterpene
27	32.28	0.02%	beta-Selinene	Sesquiterpene
28	35.11	0.19%	Geranyl butyrate	Monoterpene Ester
29	35.27	0.06%	(E)-Nerolidol	Sesquiterpenol
30	35.89	0.13%	Caryophyllene oxide	Sesquiterpene Ether
31	36.97	0.03%	Geranyl isovalerate	Aliphatic Ester
32	41.03	0.27%	(Z,E)-Farnesol	Sesquiterpenol
33	45.12	0.03%	(E,E)-Farnesyl acetate	Sesquiterpene Ester
34	48.81	0.07%	Geranyl caprylate	Monoterpene Ester