

Client



Source

Lemongrass (*Cymbopogon flexuosus*)

NP-59481 - Nepal

Sample

Lemongrass (*Cymbopogon flexuosus*)

Identification #: NO-59481

Type:..... Essential Oil

CAS Number:... 91844-92-7

Nature's Gift

Properties

Country Of Origin | Nepal

Specific Gravity | NT

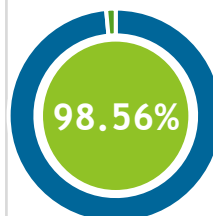
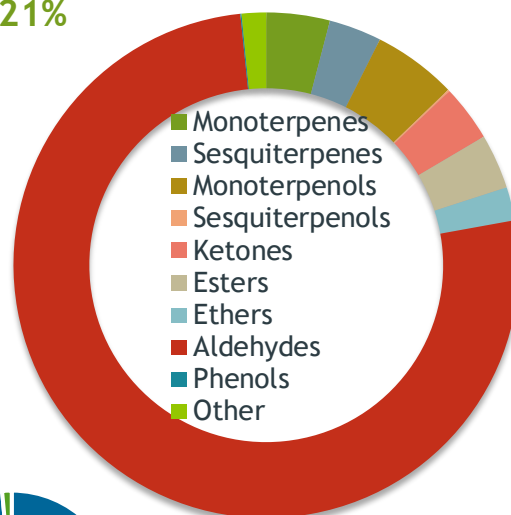
Refractive Index | NT

Primary

42.04% | Geranial31.82% | Neral3.69% | Geraniol

Aldehydes

76.21%



Percentage Identified

Result



9/8/2025

Conclusion

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

Internal Number: | EVS-6972



Essential Validation Services

240 Goose Hollow Road

Berthoud, CO 80513

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	4.06%
Sesquiterpenes	3.37%
Monoterpenols	5.36%
Sesquiterpenols	0.12%
Ketones	3.60%
Esters	3.51%
Ethers	2.13%
Aldehydes	76.21%
Phenols	0.08%
Other	1.56%

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NP-59481

Total Percentage		98.56%		
Number	RT	Area %	Compound Name	Chemical Family
1	8.06	0.09%	alpha-Pinene	Monoterpene
2	8.67	0.07%	Camphene	Monoterpene
3	9.60	0.03%	Sabinene	Monoterpene
4	9.76	0.04%	beta-Pinene	Monoterpene
5	10.15	2.47%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
6	10.32	0.11%	Dehydro-1,8-cineole	Monoterpene Ether
7	10.93	0.09%	Octanal	Aliphatic Aldehyde
8	11.79	0.07%	para-Cymene	Monoterpene
9	11.99	3.55%	Limonene	Monoterpene
10	12.08	0.36%	1,8-Cineole	Monoterpene Ether
11	12.36	0.07%	(Z)-beta-Ocimene	Monoterpene
12	12.82	0.07%	(E)-beta-Ocimene	Monoterpene
13	13.09	0.07%	Bergamal	Aliphatic Aldehyde
14	13.28	0.03%	gamma-Terpinene	Monoterpene
15	13.94	1.13%	4-Nonanone	Aliphatic Ketone
16	14.50	0.04%	Terpinolene	Monoterpene
17	15.13	0.07%	Perillene	Monoterpene Ether
18	15.23	0.96%	Linalool	Monoterpenol
19	15.33	0.11%	alpha-Pinene oxide	Monoterpene Ether
20	16.86	0.18%	trans-Limonene oxide	Monoterpene Ether
21	17.19	0.03%	exo-Isocitral	Monoterpene Aldehyde
22	17.35	0.28%	trans-Chrysanthemal	Monoterpene Aldehyde
23	17.60	0.47%	Citronellal	Monoterpene Aldehyde
24	18.04	0.31%	(Z)-isocitral	Monoterpene Aldehyde
25	18.40	0.14%	Rosefuran epoxide	Monoterpene Ether
26	18.73	0.08%	Menthol	Monoterpenol
27	18.89	0.85%	(E)-Isocitral	Monoterpene Aldehyde
28	19.46	0.20%	Isopinocampheol	Monoterpenol
29	20.09	0.20%	Decanal	Aliphatic Aldehyde
30	20.54	0.05%	trans-Carveol	Monoterpenol
31	20.97	0.10%	Nerol	Monoterpenol
32	21.19	0.28%	Citronellol	Monoterpenol
33	21.68	31.82%	Neral	Monoterpene Aldehyde
34	22.23	3.69%	Geraniol	Monoterpenol
35	23.08	42.04%	Geranial	Monoterpene Aldehyde



Source



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