Client | Source



Patchouli *(Pogostemon cablin)*

EVS-2026-NG-25

Sample

Patchouli *(Pogostemon cablin)*

Batch #:	IN-59558
Type:	Essential Oil
Origin:	Indonesia
CAS #:	2233340

Client

NATURE'S GIFT

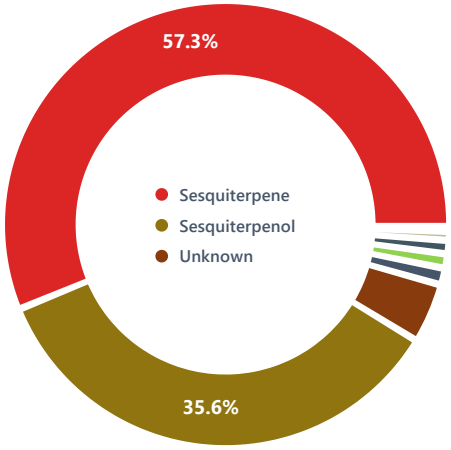
Properties

RI:	NT
SG:	NT

Primary

31.58%	Patchouli alcohol
15.00%	delta-Guaiene
13.28%	alpha-Guaiene
7.40%	Seychellene

CHEMICAL FAMILY BREAKDOWN





TOTAL CONTENT IDENTIFIED

96.2% identified

3.8% unidentified

Result

Pass

Meets specifications

ANALYSIS SUMMARY

Total Compounds: 51

Conclusion

PROFESSIONAL ANALYSIS SUMMARY

Analysis of this Patchouli (Pogostemon cablin) Essential Oil sample was conducted against the ISO: 3757:2003 (Pogostemon cablin) standard specification. The chromatographic analysis accounted for 96.2% of the total sample composition. All major constituents were found to be within the expected ranges specified in the standard. No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Patchouli (Pogostemon cablin).

Adam Christensen • Oct 11, 2026

Adam Christensen

Analyst Signature

Date

Sep 17, 2026

Lab

Essential Validation Services

EO Testing Lab

240 Goose Hollow Road

Berthoud, Colorado 80513

Phone: (317) 361-5044

essentialvalidationservices.com

CHEMICAL FAMILY DISTRIBUTION

Sesquiterpene	57.3%
Sesquiterpenol	35.6%
Unknown	4.2%
Sesquiterpene Ether	0.9%
Lactone	0.8%

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Patchouli *(Pogostemon cablin)*

EVS-2026-NG-25

Expected vs. Detected Components

Comparison against ISO: 3757:2003 for Patchouli (Pogostemon cablin) - ISO

Compound	Expected	Detected	Status	Family
1 Patchouli alcohol	27.00-35.00%	31.58%	✓	Sesquiterpenol
2 delta-Guaiene	13.00-21.00%	15.00%	✓	Sesquiterpene
3 alpha-Guaiene	11.00-16.00%	13.28%	✓	Sesquiterpene
4 beta-Caryophyllene	2.00-5.00%	3.32%	✓	Sesquiterpene
5 beta-Patchoulene	1.80-3.50%	2.46%	✓	Sesquiterpene
6 Pogostol	1.00-2.50%	2.46%	✓	Sesquiterpenol
7 alpha-Copaene	0.00-1.00%	-	✓	Sesquiterpene
8 Norpatchoulenol	0.35-1.00%	0.71%	✓	Norsesquiterpenol

Professional Analysis Summary

1 Sample Analysis

This Patchouli (Pogostemon cablin) sample shows 51 detected compounds (51 identified, 100.0% rate).

2 Major Components

Predominant: Patchouli alcohol (31.6%), delta-Guaiene (15.0%), alpha-Guaiene (13.3%), +9 others.

3 Chemical Profile

8 chemical families: Sesquiterpenol, Sesquiterpene, Sesquiterpene Ether, +5 others.

4 Quality Assessment

Sample meets specifications for Patchouli (Pogostemon cablin).

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Patchouli *(Pogostemon cablin)*

EVS-2026-NG-25

Total Percentage: **96.24%**

Number	RT	Area %	Compound Name		Chemical Family
1	6.98	0.02%	3.03 Butanediol<2,3->		Unknown
2	10.47	0.09%	alpha-Pinene		Monoterpene
3	11.49	0.01%	1-Octen-3-ol		Aliphatic Alcohol
4	11.82	0.26%	beta-Pinene		Monoterpene
5	12.01	0.01%	3-Octanol		Aliphatic Alcohol
6	13.45	0.03%	Limonene		Monoterpene
7	26.18	0.15%	delta-Elemene		Sesquiterpene
8	27.86	0.01%	22.77 Silphiperfol-4,7(14)-diene		Unknown
9	28.32	2.46%	beta-Patchoulene	(1.80%-3.50%)	Sesquiterpene
10	28.50	1.26%	beta-Elemene		Sesquiterpene
11	29.28	0.02%	cis-Caryophyllene		Sesquiterpene
12	29.60	0.67%	Cycloseychellene		Sesquiterpene
13	29.71	0.03%	alpha-Gurjunene		Sesquiterpene
14	29.86	3.32%	beta-Caryophyllene	(2.00%-5.00%)	Sesquiterpene
15	30.50	13.28%	alpha-Guaiene	(11.00%-16.00%)	Sesquiterpene
16	30.66	0.08%	gamma-Elemene		Sesquiterpene
17	30.99	7.40%	Seychellene		Sesquiterpene
18	31.08	0.02%	beta-Humulene		Sesquiterpene
19	31.26	0.59%	alpha-Humulene		Sesquiterpene
20	31.52	4.98%	alpha-Patchoulene		Sesquiterpene
21	31.64	1.91%	gamma-Gurjunene		Sesquiterpene
22	31.76	1.10%	gamma-Patchoulene		Sesquiterpene
23	31.86	0.45%	allo-Aromadendrene		Sesquiterpene
24	32.32	0.10%	Germacrene D		Sesquiterpene
25	32.44	0.07%	Pentadecane		Alkane
26	32.61	0.56%	Eremophilene		Sesquiterpene
27	32.96	3.48%	Aciphyllene		Sesquiterpene
28	33.12	0.25%	29.35 Cycloisolongifol-5-ol<trans->		Unknown
29	33.28	15.00%	delta-Guaiene	(13.00%-21.00%)	Sesquiterpene
30	33.85	0.21%	alpha-Panasinsen		Sesquiterpene
31	34.15	0.16%	gamma-Vetivenene		Sesquiterpene

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Patchouli *(Pogostemon cablin)*

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Number	RT	Area %	Compound Name		Chemical Family
32	34.27	0.09%	Nootkatene		Sesquiterpene
33	34.83	0.04%	Elemol		Sesquiterpenol
34	35.11	0.02%	(E)-Nerolidol		Sesquiterpenol
35	35.58	0.71%	Norpatchoulenol	(0.35%-1.00%)	Norsesquiterpenol
36	35.94	0.17%	Longipinanol		Sesquiterpenol
37	36.40	0.88%	Caryophyllene oxide		Sesquiterpene Ether
38	37.14	0.05%	Spathulenol		Sesquiterpenol
39	37.42	0.07%	Humulene epoxide II		Sesquiterpene Ether
40	37.91	0.66%	Globulol		Sesquiterpenol
41	38.27	0.27%	Ledol		Sesquiterpenol
42	38.40	0.07%	34.40 Caryophylla-4(12),8(13)-dien-5-alpha-ol		Unknown
43	39.05	2.46%	Pogostol	(1.00%-2.50%)	Sesquiterpenol
44	39.58	31.58%	Patchouli alcohol	(27.00%-35.00%)	Sesquiterpenol
45	39.65	0.04%	11-Selinenol-4,alpha		Sesquiterpenol
46	40.00	0.16%	Allohimachalol		Sesquiterpenol
47	41.05	0.78%	Pogostone		Lactone
48	41.87	0.13%	Longifolol		Sesquiterpenol
49	42.06	0.04%	38.02 Eremophilone		Unknown
50	43.33	0.03%	beta-Costol		Sesquiterpenol
51	44.89	0.01%	39.22 Muurolene<14-oxy-alpha->		Unknown

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