

Rose Absolute *Rosa damascena*

Batch No. BU-59264
 Bulgaria

Monoterpenes 0.13%

limonene	0.06
α pinene	0.05
myrcene	0.01
β pinene	0.01

Monoterpenols 19.58%

citronellol	9.81
geraniol	6.50
nerol	2.98
linalool	0.21
(Z) isogeraniol	0.04
terpinen-4-ol	0.02
α terpineol	0.02

Sesquiterpenes 0.08%

β caryophyllene	0.04
α guaiene	0.01
α humulene	0.01
germacrene D	0.01
δ guaiene	0.01

Aldehydes 0.17%

geranial	0.08
neral	0.06
phenylacetaldehyde	0.02
citronellal	0.01

Other 5.73%

nonadecane	3.28
heneicosane	0.87
heptadecane	0.60
eicosane	0.57
squalene	0.18
pentadecane	0.09
dihydrocitronello	0.07
octadecane	0.03
tricosane	0.02
1-octadecanol	0.01
1-hexanol	0.01

Sequiterpenols 0.41%

(E,Z)-Farnesol	0.01
(Z,E)-Farnesol	0.06
cryptomeridiol	0.06
1-hexadecanol	0.28

Esters 0.24%

geranyl acetate	0.14
citronellyl acetate	0.07
2-phenylethyl formate	0.02
citronellyl formate	0.01

Phenols 69.22%

2-phenylethanol	65.64
eugenol	2.63
benzyl alcohol	0.49
methyl eugenol	0.46

Ethers 0.04%

(E) rose oxide	0.04
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Ketones 0.01%

2-hexanone	0.01
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Client



Source



Rose, Absolute (*Rosa damascena*)
BG-59264

Sample

Rose, Absolute (*Rosa damascena*)
Batch #:..... BG-59264
Type:..... Essential Oil
CAS Number:... 8007-01-0
Nature's Gift

Client



Website

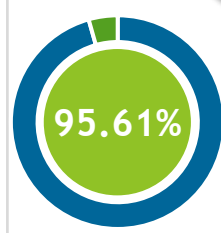
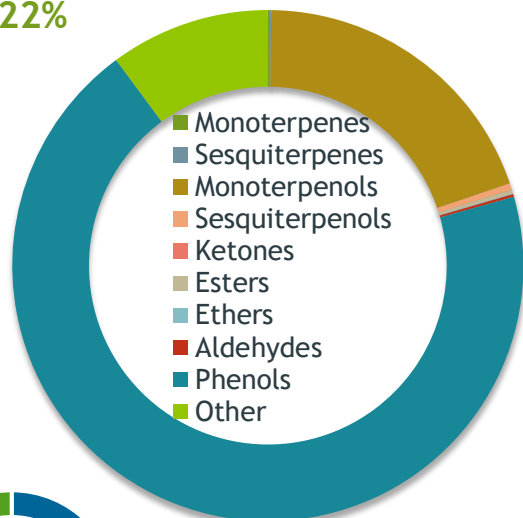


Primary

65.64% | 2-Phenylethanol
9.81% | Citronellol
6.50% | Geraniol

Phenols

69.22%



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 Rose, Absolute (*Rosa damascena*)

Internal Number: | EVS-5159



Essential Validation Services

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

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

Alan Christen

Monoterpenes	0.13%
Sesquiterpenes	0.08%
Monoterpenols	19.58%
Sesquiterpenols	0.41%
Ketones	0.01%
Esters	0.24%
Ethers	0.04%
Aldehydes	0.17%
Phenols	69.22%
Other	10.12%

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

Client



Source

Rose, Absolute (*Rosa damascena*)

BG-59264

Total Percentage		95.61%		
Number	RT	Area %	Compound Name	Chemical Family
1	3.92	0.01%	2-Hexanone	Aliphatic Ketone
2	6.07	0.01%	1-Hexanol	Aliphatic Alcohol
3	8.08	0.05%	alpha-Pinene	Monoterpene
4	9.81	0.01%	beta-Pinene	Monoterpene
5	10.41	0.01%	Myrcene	Monoterpene
6	12.07	0.06%	Limonene	Monoterpene
7	12.57	0.49%	Benzyl alcohol	Simple Phenolic
8	12.77	0.02%	Phenylacetaldehyde	Aliphatic Aldehyde
9	15.47	0.21%	Linalool	Monoterpenol
10	15.80	0.04%	trans-Rose oxide	Monoterpene Ether
11	16.45	65.64%	2-Phenylethanol	Simple Phenolic
12	17.80	0.01%	Citronellal	Monoterpene Aldehyde
13	18.80	0.02%	2-Phenylethyl formate	Monoterpene Ester
14	19.08	0.02%	Terpinen-4-ol	Monoterpenol
15	19.83	0.02%	alpha-Terpineol	Monoterpenol
16	19.92	0.07%	Dihydrocitronellol	Synthetic
17	21.23	2.98%	Nerol	Monoterpenol
18	21.45	9.81%	Citronellol	Monoterpenol
19	21.72	0.06%	Neral	Monoterpene Aldehyde
20	21.92	0.04%	cis-Isogeraniol	Monoterpenol
21	22.48	6.50%	Geraniol	Monoterpenol
22	23.08	0.08%	Geranial	Monoterpene Aldehyde
23	23.31	0.01%	Citronellyl formate	Monoterpene Ester
24	26.69	0.07%	Citronellyl acetate	Monoterpene Ester
25	26.86	2.63%	Eugenol	Phenylpropanoid
26	27.92	0.14%	Geranyl acetate	Monoterpene Ester
27	28.90	0.46%	Methyl eugenol	Phenylpropanoid
28	29.44	0.04%	beta-Caryophyllene	Sesquiterpene
29	30.15	0.01%	alpha-Guaiene	Sesquiterpene
30	30.92	0.01%	alpha-Humulene	Sesquiterpene
31	31.99	0.01%	Germacrene D	Sesquiterpene
32	32.87	0.01%	delta-Guaiene	Sesquiterpene
33	33.00	0.09%	Pentadecane	Alkane
34	40.33	0.01%	(E,Z)-Farnesol	Sesquiterpenol
35	40.63	0.60%	Heptadecane	Alkane

