



Rose Absolute *Rosa damascena*

Batch No. BU-59322
Bulgaria

Aldehydes 0.1%

hexadecanal	0.06
geranial	0.04

Monoterpenols 11.79%

citronellol	9.40
geraniol	1.81
nerol	0.52
linalool	0.03
(E) sabinene hydrate	0.03

Sesquiterpenes 1.26%

germacrene D	0.34
β caryophyllene	0.25
α guaiene	0.24
δ guaiene	0.19
α humulene	0.14
β elemene	0.10

Esters 0.48%

2-phenylethyl acetate	0.24
geranyl acetate	0.18
2-phenylethyl formate	0.04
phytyl acetate	0.02

Other 25.63%

Unknown	14.86
nonadecane	5.86
nonadecene	1.93
heptadecane	0.79
heneicosane	0.66
tricosane	0.57
eicosane	0.28
1-octadecanol	0.16
squalene	0.16
pentadecane	0.11
octadecane	0.09
phytol	0.07
1-hexanol	0.03
1-eicosene	0.03
hexadecane	0.02
(E) 2-hexenol	0.01

Sequiterpenols 0.09%

(Z,E)-Farnesol	0.09
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Phenols 57.35%

2-phenylethanol	54.60
methyl eugenol	0.68
benzyl alcohol	0.91
eugenol	1.16

Client



Source



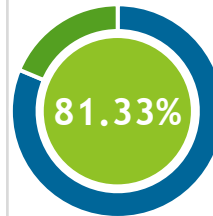
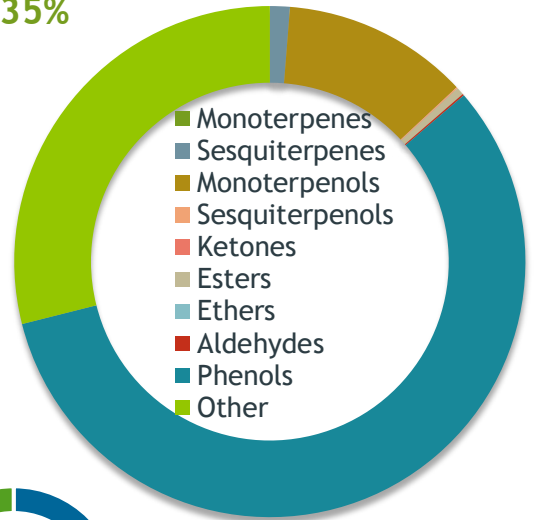
Rose, Absolute (*Rosa damascena*)
BG-59322

Sample

Rose, Absolute (*Rosa damascena*)
Batch #:..... BG-59322
Type:..... Absolute Oil
CAS Number:... 8007-01-0
Nature's Gift

Phenols

57.35%



Percentage Identified

Client



Website



Primary

54.60% | 2-Phenylethanol
9.40% | Citronellol
5.86% | Nonadecane

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Absolute Oil of Rose, Absolute (*Rosa damascena*)

Internal Number: | EVS-5586



Essential Validation Services

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Alan Christen

Monoterpenes	0.00%
Sesquiterpenes	1.26%
Monoterpenols	11.79%
Sesquiterpenols	0.09%
Ketones	0.00%
Esters	0.48%
Ethers	0.00%
Aldehydes	0.10%
Phenols	57.35%
Other	28.93%

Client



Source

Rose, Absolute (*Rosa damascena*)

BG-59322

Total Percentage		81.33%		
Number	RT	Area %	Compound Name	Chemical Family
1	6.13	0.01%	(E)-2-Hexenol	Aliphatic Alcohol
2	6.23	0.03%	1-Hexanol	Aliphatic Alcohol
3	12.60	0.91%	Benzyl alcohol	Simple Phenolic
4	14.19	0.03%	trans-Sabinene hydrate	Monoterpenol
5	15.62	0.03%	Linalool	Monoterpenol
6	16.26	54.60%	2-Phenylethanol	Simple Phenolic
7	18.99	0.04%	2-Phenylethyl formate	Monoterpene Ester
8	21.32	0.52%	Nerol	Monoterpenol
9	21.49	9.40%	Citronellol	Monoterpenol
10	22.51	1.81%	Geraniol	Monoterpenol
11	22.59	0.24%	2-Phenylethyl acetate	Phenolic Ester
12	23.25	0.04%	Geranial	Monoterpene Aldehyde
13	26.88	1.16%	Eugenol	Phenylpropanoid
14	28.09	0.18%	Geranyl acetate	Monoterpene Ester
15	28.47	0.10%	beta-Elemene	Sesquiterpene
16	28.99	0.68%	Methyl eugenol	Phenylpropanoid
17	29.64	0.25%	beta-Caryophyllene	Sesquiterpene
18	30.35	0.24%	alpha-Guaiene	Sesquiterpene
19	31.11	0.14%	alpha-Humulene	Sesquiterpene
20	32.17	0.34%	Germacrene D	Sesquiterpene
21	33.04	0.19%	delta-Guaiene	Sesquiterpene
22	33.17	0.11%	Pentadecane	Alkane
23	37.07	0.02%	Hexadecane	Alkane
24	40.75	0.79%	Heptadecane	Alkane
25	41.21	0.09%	(Z,E)-Farnesol	Sesquiterpenol
26	44.26	0.09%	Octadecane	Alkane
27	44.77	0.06%	Hexadecanal	Sesquiterpene Aldehyde
28	46.70	1.93%	Nonadecene	Alkene
29	47.62	5.86%	Nonadecane	Alkane
30	50.82	0.28%	Eicosane	Alkane
31	51.04	0.03%	1-Eicosene	Diterpene
32	53.51	0.16%	1-Octadecanol	Diterpenol
33	53.88	0.66%	Heneicosane	Alkane
34	54.07	0.07%	Phytol	Diterpenol
35	57.33	0.02%	Phytyl acetate	Diterpene Ester

Client



Source



Rose, Absolute (*Rosa damascena*)
BG-59322

Number	RT	Area %	Compound Name	Chemical Family
36	58.364	0.57%	UK Rose	Diterpene Ester
37	58.49	0.06%	Tricosane	Alkane
38	60.02	0.78%	UK Rose	
39	60.66	1.32%	UK Rose	
40	61.18	0.81%	UK Rose	
41	61.23	1.16%	UK Rose	
42	61.36	1.14%	UK Rose	
43	61.54	0.58%	UK Rose	
44	62.10	0.16%	Squalene	Triterpene
45	62.19	0.97%	UK Rose	
46	62.25	0.88%	UK Rose	
47	62.29	1.11%	UK Rose	
48	62.35	1.56%	UK Rose	
49	62.45	0.94%	UK Rose	
50	62.50	1.01%	UK Rose	
51	62.56	0.55%	UK Rose	
52	62.66	1.48%	UK Rose	

- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method
- This report may not be published without the consent of Essential Validation Services.
- Chromatograph image may be requested
- This report is valid for 1 year from the analyzed date