



**Rose CO2**  
*Rosa damascena*

Batch No. BU-58948  
 Bulgaria

**Monoterpenes 0.01%**

$\alpha$  pinene 0.01

**Aldehydes 0.3%**

geranial 0.16  
 citral 0.14

**Esters 0.19%**

geranyl acetate 0.10  
 citronellyl acetate 0.05  
 citronellyl formate 0.04

**Phenols 37.27%**

2-phenylethanol 35.68  
 eugenol 0.94  
 benzyl alcohol 0.33  
 methyl eugenol 0.32

**Monoterpenols 10.96%**

citronellol 7.03  
 geraniol 3.83  
 terpinen-4-ol 0.07  
 linalol 0.03

**Other 36.48%**

nonadecane 9.80  
 unknown 6.47  
 heneicosane 5.84  
 nonadecene 2.15  
 tricosane 2.09  
 pentacosane 1.12  
 hexadecane 0.93  
 eicosane 0.85  
 heptadecane 0.51  
 docosane 0.17  
 pentadecane 0.08  
 unknown 6.47

**Sesquiterpenes 0.41%**

$\beta$  caryophyllene 0.15  
 germacrene d 0.12  
 $\delta$  guaiene 0.08  
 $\alpha$  humulene 0.06

**Sequiterpenols 0.11%**

(Z,E)-Farnesol 0.08  
 1-hexadecanol 0.03

Raw Material: Rose CO2  
 Taxonomy: Rosa damascena  
 Production CO2 Extraction, Bulgaria  
 Date of Analysis: 7/16/2019

Client



Source



Rose CO2 Extract (*Rosa damascena*)  
BU-58948

Sample

Rose CO2 Extract (*Rosa damascena*)  
Batch #:..... BU-58948  
Type:..... CO2 Extract  
CAS Number:... 8007-01-0  
Nature's Gift

Client



Website

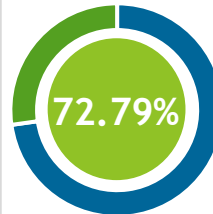
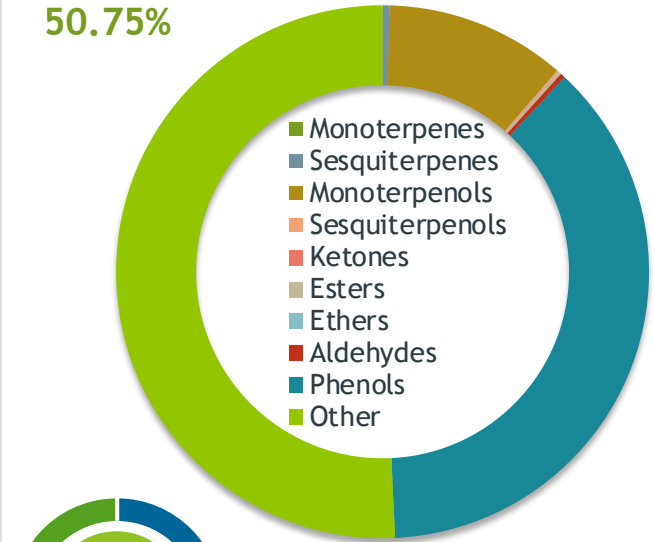


Primary

**35.68%** | 2-Phenylethanol  
**9.80%** | Nonadecane  
**7.03%** | Citronellol

Other

50.75%



Percentage Identified

Result



Conclusion

No adulterants, Diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine CO2 Extract of Rose CO2 Extract (*Rosa damascena*)

Internal Number: | EVS-3094



Essential Validation Services

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

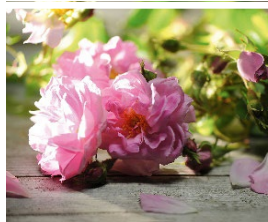
317.361.5044 |  
<https://essentialvalidation.com/>  
adam@essentialvalidation.com

Monoterpenes	0.01%
Sesquiterpenes	0.41%
Monoterpenols	10.96%
Sesquiterpenols	0.11%
Ketones	0.00%
Esters	0.19%
Ethers	0.00%
Aldehydes	0.30%
Phenols	37.27%
Other	50.75%

Client



Source



Rose CO2 Extract (*Rosa damascena*)  
BU-58948

Total Percentage		72.79%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	12.07	0.01%	alpha-Pinene	936.10	Monoterpene
2	16.25	0.33%	Benzyl alcohol	1032.00	Simple Phenolic
3	18.87	0.03%	Linalool	1099.00	Monoterpenol
4	19.66	35.68%	2-Phenylethanol	1116.30	Simple Phenolic
5	21.92	0.07%	Terpinen-4-ol	1180.57	Monoterpenol
6	23.75	7.03%	Citronellol	1229.25	Monoterpenol
7	24.17	0.14%	Citral	1244.12	Monoterpene Aldehyde
8	24.67	3.83%	Geraniol	1255.29	Monoterpenol
9	25.20	0.16%	Geranial	1272.00	Monoterpene Aldehyde
10	25.36	0.04%	Citronellyl formate	1279.00	Monoterpene Ester
11	27.98	0.05%	Citronellyl acetate	1357.83	Monoterpene Ester
12	28.21	0.94%	Eugenol	1365.89	Phenylpropanoid
13	28.99	0.10%	Geranyl acetate	1379.20	Monoterpene Ester
14	29.69	0.32%	Methyl Eugenol	1407.27	Phenylpropanoid
15	30.37	0.15%	beta-Caryophyllene	1427.14	Sesquiterpene
16	31.44	0.06%	alpha-Humulene	1461.43	Sesquiterpene
17	32.28	0.12%	Germacrene D	1484.71	Sesquiterpene
18	32.64	0.08%	Pentadecane	1500.00	Alkane
19	33.03	0.08%	delta-Guaiene	1511.50	Sesquiterpene
20	38.38	0.93%	Hexadecane	1600.00	Alkane
21	39.05	0.51%	Heptadecane	1700.00	Alkane
22	41.05	0.08%	(Z,E)-Farnesol	1723.00	Sesquiterpenol
23	42.97	2.15%	Nonadecene	1855.00	Alkene
24	43.44	0.03%	1-Hexadecanol	1880.00	Sesquiterpenol
25	43.65	9.80%	Nonadecane	1900.00	Alkane
26	46.01	0.85%	Eicosane	2000.00	Alkane
27	48.37	5.84%	Heneicosane	2100.00	Alkane
28	50.54	0.17%	Docosane	2200.00	Alkane
29	52.68	2.09%	Tricosane	2300.00	Alkane
30	56.56	1.12%	Pentacosane	2500.00	Alkane
31	59.25	1.49%	UK Rose		
32	61.18	1.92%	UK Rose		
33	61.48	0.53%	UK Rose		
34	61.68	0.70%	UK Rose		
35	65.55	1.83%	UK Rose		

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