



Gas Chromatography Analysis

Dear Customer,

Attached you will find the results of gas chromatographic analysis based on the information provided by our Producer/Laboratory for:

Sample Reference **2570**

We testify that the Chromatographic Analysis (GC) for the mentioned sample is identical with:

Product No.:	2570
Product Name:	Rose Blossom, Persia
Botanical Name:	Rosa damascena
Batch No.:	1019613

Bühl, 2020-05-25


Ayus GmbH
Am Dreschschopf 1 | 77815 Bühl | Germany
Tel.: +49 7227 60099-0 | Fax: +49 7227 60099-99
E-Mail: info@ayus.team | www.ayus.team

Dr. David Nayan

No.	Substance	RT (min)	Area%
1	α -Pinene	5.24	1.2
2	Sabinene	5.84	0.06
3	β -Pinene	5.91	0.21
4	Myrcene	6.07	0.4
5	Terpinene	6.51	0.06
6	Cymene	6.62	0.05
7	Limonene	6.69	0.07
8	Phellandrene	6.79	0.02
9	3-Carene	6.95	0.07
10	Terpinolen	7.16	0.08
11	Terpinene (isomer)	7.62	0.04
12	Linalool	7.75	0.11
13	Nonanal	7.81	0.04
14	Rose oxide	7.94	0.04
15	Phenethyl Alcohol	8	0.22
16	Terpinene-4-ol	8.99	0.04
17	Citronellol	9.64	12.37
18	Citral	9.86	0.05
19	Geraniol	10.02	1.56
20	Citral (isomer)	10.27	0.1
21	Methyl geranoate	10.99	0.07
22	Citronellyl acetate	11.36	0.89
23	Eugenol	11.5	0.05
24	Neryl acetate	11.52	0.1

25	Geranyl acetate	11.77	1.5
26	Bourbonene	11.95	0.19
27	Elemene	12	0.36
28	Methyl eugenol	12.07	0.25
29	Caryophyllene	12.42	0.97
30	Gurjunene	12.52	0.08
31	Guaiene	12.62	1.37
32	Farnesene	12.74	0.05
33	Caryophyllene	12.85	0.98
34	Germacrene D	13.2	1.69
35	Pentadecane	13.24	0.77
36	Chamigrene	13.39	0.58
37	Bulnesene	13.48	0.91
38	Caldinol	13.67	0.13
39	Nerolodol	14.08	0.09
40	Dodecanoic acid, ethyl ester	14.38	0.04
41	Hexadecane	14.45	0.16
42	Eudesmol	15.01	0.07
43	Cadinol	15.11	0.05
44	Eudesmol (isomer)	15.25	0.05
45	Eudesmol (isomer)	15.27	0.09
46	1-Heptadecane	15.36	0.43
47	Heptadecane	15.59	4.07
48	Farnesol	15.67	0.2
49	Farnesol (isomer)	15.9	1.15
50	1-Octadecene	16.44	0.19
51	Octadecane	16.68	0.39
52	1-Nonadecene	17.47	9.79
53	Nonadecane	17.73	36.42
54	9-Eicosene	18.46	0.24
55	Eicosane	18.7	2.68
56	Octadecanol	19.42	0.27
57	Heneicosene	19.56	0.4
58	Heneicosane	19.66	13.06
59	Docosane	20.55	0.18
60	Tetracosene	21.36	0.18
61	Tetracosane	21.42	1.72
62	Pentacosane	23.06	0.35