



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 **3030**

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

Product No.:	3030
Product Name:	Ylang Ylang complete organic
Botanical Name:	Cananga odorata
Batch No.:	1019170

Bühl, 2020-01-09


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Dr. David Nayan

Chromatographic analysis by GC/FID

Rt	# CAS	Compounds	Fid %
9.21	5205-07-2	Acétate de 3-Méthyl-3-Butène-1-ol	0.018
10.63	1191-16-8	Acétate de Prényle	0.092
10.96	80-56-8	Alpha-Pinène	0.155
12.45	3387-41-5	Sabinène	0.017
12.64	127-91-3	Béta-Pinène	0.049
12.99	110-93-0	6-Méthyl-5-Heptène-2-one	0.061
13.02	123-35-3	Myrcène	0.078
13.65	3681-82-1	Acétate de cis-3-Hexenyle	0.033
13.91	142-92-7	Acétate d'Hexyle	0.029
14.31	104-93-8	Para-Méthyl-Anisole	2.140
14.48	138-86-3	Limonène	0.099
14.56	555-10-2	Béta-Phellandène	0.011
14.62	470-82-6	Eucalyptol	0.135
14.98	100-51-6	Alcool Benzylique	0.071
15.95	5989-33-3	Cis Oxyde de Linalol (furanoid)	0.020
16.90	93-58-3	Benzoate de Méthyle	1.068
16.97	78-70-6	Linalol	6.463
18.50	91-16-7	1,2-Diméthoxy-Benzène	0.011
19.06	140-11-4	Acétate de Benzyle	1.382
19.12	140-39-6	Acétate de Para-Crésyle	0.024
19.34	93-89-0	Benzoate d'Ethyle	0.031
19.61	562-74-3	Terpinen-4-ol	0.005
19.87	2639-63-6	Butyrate d'Hexyle	0.023
20.05	119-36-8	Salicylate de Méthyle	0.073

Chromatographic analysis by GC/FID (end)

Rt	# CAS	Compounds	Fid %
20.07	98-55-5	Alpha-Terpinéol	0.146
20.17	140-67-0	Estragol	0.137
21.31	106-26-3	Neral	0.027
21.46	115-95-7	Acétate de Linalyle	0.015
21.60	106-24-1	Géraniol	1.146
21.82	103-45-7	Acétate de Phényl ethyle	0.023
22.17	141-27-5	Geranial	0.126
23.30	6125-24-2	2-NitroEthyl-Benzène	0.030
23.95	20307-84-0	Delta-Elémène	0.022
24.14	103-37-7	Butanoate de Benzyle	0.012
24.28	17699-14-8	Alpha-Cubébène	0.193
24.62	97-53-0	Eugénol	0.061
24.92	14912-44-8	Alpha-Ylangène	0.221
25.12	105-87-3	Acétate de Géranyle	9.431
25.27	121-98-2	Para-Méthyl-Anisate	0.022
25.44	13744-15-5	Béta-Cubébène	0.134
25.46	515-13-9	Béta-Elémène	0.453
25.83	93-15-2	Methyl eugenol	0.015
26.31	20479-06-5	Béta-Ylangène	0.205
26.40	87-44-5	Béta-Caryophyllène	13.566
26.60	18252-44-3	Béta-Copaène	0.475
27.00	28973-97-9	(Z)-Béta-Farnésène	0.145
27.08	21040-45-9	Acétate de (E)-Cinnamyle	0.465
27.15	189165-77-3	Trans-Muurola-3,5-diene	0.282

Chromatographic analysis by GC/FID (end)

Rt	# CAS	Compounds	Fid %
27.30	6753-98-6	Alpha-Humulène	3.899
27.46	246522-85-0	Cis-1(6),4-Cadina-Diène	0.122
27.66	20085-11-4	Trans-Cadina-1(6),4-diene	0.034
27.74	30021-74-0	Gamma-Muurolene	2.118
27.87	20085-19-2	Alpha-Amorphene	0.571
27.98	23986-74-5	Germacrène D	6.893
28.17	5205-11-8	Benzoate de Prényle	0.862
28.24	6980-46-7	Gamma-Amorphene	0.219
28.32	-	Hydrocarbure Sesquiterpénique MW 204	2.727
28.37	502-61-4	(E,E)-Alpha-Farnésène	1.917
28.43	189165-79-5	Delta-Amorphene	0.270
28.72	39029-41-9	Gamma-Cadinene	1.176
28.81	483-76-1	Delta-Cadinene	2.805
28.93	72937-55-4	Cis-Calaménène	0.817
29.20	38758-02-0	Trans-Cadina-1,4-diene	0.021
29.28	82468-90-4	Alpha-Cadinène	0.306
29.60	639-99-6	Elemol	0.096
29.77	40716-66-3	(E)-Nérolidol	0.305
30.39	6750-60-3	Spathulénol	0.444
30.54	1139-30-6	Oxyde de Caryophyllène	2.922
31.48	472-07-1	Junénol	0.468
31.53	73365-77-2	(1,10-Epi)-Cubénol	0.377
31.85	5937-11-1	Epi-Alpha-Cadinol	2.479
31.93	19912-62-0	Epi-Alpha-Murrolol	1.077

Chromatographic analysis by GC/FID (end)

Rt	# CAS	Compounds	Fid %
31.96	19435-97-3	Alpha-Muurolol	0.540
32.21	481-34-5	Alpha-Cadinol	2.635
33.36	106-28-5	(2E,6E)-Farnesol	2.055
34.85	120-51-4	Benzoate de Benzyle	9.240
35.80	4128-17-0	(2E,6E)-Acétate de Farnésyle	2.554
36.97	118-58-1	Salicylate de Benzyle	2.268
38.60	94-48-4	Benzoate de Géranyle	0.247
		Total	91.904

The sample contains no known artificial compound.