



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 2881

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

Product Name: Thyme mild (Thuyanol)
Botanical Name: Thymus vulgaris
Batch No.: 1043284

The data is based on our current knowledge.
The results of analysis do not release the customer from its own controls.
This document was created electronically and is valid without signature.

Pics	TR (min)	Constituants	%
1	5.49	2-METHYLBUTYRATE DE METHYLE	0.03
2	5.77	alpha-PINENE	1.55
3	5.80	alpha-THUYENE	0.71
4	6.35	CAMPHENE	0.25
5	6.98	beta-PINENE	0.60
6	7.15	SABINENE	1.69
7	7.28	THUYA-2,4-DIENE	0.03
8	7.79	beta-MYRCENE	4.23
9	7.96	alpha-PHELLANDRENE	0.12
10	8.25	alpha-TERPINENE	4.93
11	8.32	ESTER ALIPHATIQUE	0.02
12	8.43	2,3-DEHYDRO-1,8-CINEOLE	0.03
13	8.63	LIMONENE	2.23
14	8.78	ALCOOL ISOAMYLIQUE	0.01
15	8.86	1,8-CINEOLE	0.69
16		beta-PHELLANDRENE	
17	9.21	cis-beta-OCIMENE	0.03
18	9.37	trans-ARBUSCULONE	0.02
19	9.64	gamma-TERPINENE	8.48
20	9.74	trans-beta-OCIMENE	0.04
21	9.79	3-OCTANONE	0.06
22	9.97	ESTER ALIPHATIQUE	0.03
23	10.14	p-CYMENE	1.06
24	10.21	COMPOSÉ Mw=150	0.05
25	10.46	TERPINOLENE	1.89
26	11.02	ESTER ALIPHATIQUE	0.01
27	11.12	ESTER ALIPHATIQUE	0.01
28	11.66	ESTER ALIPHATIQUE	0.05
29	12.58	ACETATE D'1-OCTEN-3-YLE	0.06
30	12.76	3-HEXEN-1-OL	0.02
31	12.86	3-OCTANOL	0.04
32	12.98	COSMENE ISOMERE	0.04
33	13.64	PERILLENE	0.01
34	13.69	COMPOSÉ Mw=152	0.02
35	13.79	cis-OXYDE DE LINALOL	0.08
36	14.27	1-OCTEN-3-OL	0.37
37	14.92	trans-THUYANOL	12.98
38	15.08	trans-OXYDE DE LINALOL	0.15
39	15.84	BICYCLOELEMENE	0.02
40	16.66	beta-BOURBONENE	0.08
41	16.91	LINALOL	19.33
42	17.05	cis-THUYANOL	3.29
43	17.26	ACETATE DE LINALYLE	3.07



Pics	TR (min)	Constituants	%
44	17.45	trans-p-MENTH-2-EN-1-OL	1.03
45	17.75	ESTER ALIPHATIQUE	0.02
46	18.03	ACETATE DE BORNYLE	0.12
47	18.38	beta-ELEMENE	0.01
48	18.55	TERPINENE-4-OL	15.63
49	18.71	beta-CARYOPHYLLENE	1.33
50	18.84	cis-p-MENTHA-2,8-DIEN-1-OL	0.05
51	19.02	cis-p-MENTH-2-EN-1-OL	0.55
52	19.25	COMPOSÉ TERPENIQUE	0.04
53	19.43	COMPOSÉ TERPENIQUE	0.02
54	19.60	ESTER TERPENIQUE	0.06
55	19.69	SESQUITERPENE	0.01
56	19.76	trans-PINOCARVEOL	0.01
57	19.87	ALLO-AROMADENDRENE	0.02
58	20.03	SESQUITERPENE	0.02
59	20.16	SESQUITERPENE	0.08
60	20.21	FARNESENE ISOMERE	0.02
61	20.34	alpha-HUMULENE	0.19
62	20.44	cis-PIPERITOL	0.11
63	20.59	LAVANDULAL	0.01
64	20.77	alpha-TERPINEOL	2.79
65	20.91	BORNEOL	0.32
66		COMPOSÉ Mw=150	
67	21.42	GERMACRENE D	0.19
68	21.50	OXYDE TERPENIQUE	0.17
69	21.54	cis-OXYDE DE LINALOL PYRANIQUE	0.02
70	21.72	COMPOSÉ TERPENIQUE	0.13
71	21.92	BICYCLOGERMACRENE	0.29
72	21.98	trans-PIPERITOL	0.23
73	22.15	ACETATE DE GERANYLE	0.11
74	22.34	ACETATE DE MYRCEN-8-YLE	3.25
75	22.42	gamma-CADINENE	0.04
76	22.56	SESQUITERPENE	0.02
77	22.81	cis-SABINOL	0.02
78	23.11	NEROL	0.05
79	23.58	COMPOSÉ TERPENIQUE	0.07
80	23.68	ESTER MYRCENIQUE	0.03
81	23.77	ESTER MYRCENIQUE	0.41
82	23.98	trans-CARVEOL	0.03
83	24.16	GERANIOL	0.08
84	24.22	p-CYMENE-8-OL	0.03
85	24.97	MYRCEN-8-OL	3.48
86	25.18	ESTER MYRCENIQUE	0.03



Pics	TR (min)	Constituants	%
87	25.47	ESTER MYRCENIQUE	0.06
88	25.70	ESTER MYRCENIQUE	0.19
89	27.51	OXYDE D'HUMULENE	0.01
90	27.63	OXYDE D'ISOCARYOPHYLLENE	0.01
91	27.85	OXYDE DE CARYOPHYLLENE	0.07
92	28.56	ESTER ALIPHATIQUE	0.02
93	29.05	GERMACRENE D-4-OL	0.02
94	29.51	cis-1,2-DIHYDROXY-p-MENTH-2-ENE	0.02
95	30.27	10-epi-gamma-EUDESOL	0.01
96	30.57	SPATHULENOL	0.02
97	31.19	ACIDE SORBIQUE	0.02
98	31.33	THYMOL	0.01
		TOTAL	99.96