



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 **2150**

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

Product No.:	2150
Product Name:	Monarda
Botanical Name:	Monarda fistulosa
Batch No.:	1014898

Bühl, 2019-04-03

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Dr. David Nayan

pic #	Nom composant	TR [min]	Aire [%]
1	thujene <alpha>	3.08	0.04
2		3.96	0.02
3		4.56	0.03
4	myrcene	5.66	0.51
5	terpinene <alpha>	5.94	0.06
6	limonene	6.42	0.02
7		6.65	0.07
8	ocimene <(Z)-beta>	7.60	0.04
9	terpinene <gamma>	7.76	1.13
10	ocimene <(E)-beta>	8.07	0.08
11	cymene <p>	8.44	0.32
12		10.67	0.05
13		11.40	0.02
14		12.38	0.05
15		13.03	0.03
16		14.42	0.02
17	octen-3-ol <1>	15.06	0.32
18		15.43	0.02
19		15.80	0.09
20	copaene <alpha>	16.21	0.23
21	bourbonene <beta>	17.12	0.21
22		17.96	0.06
23	linalool	18.67	1.67
24		18.96	0.03
25		19.07	0.04
26		19.19	0.02
27		19.65	0.04
28	elemene <beta> + caryophyllene	19.80	0.33
29		21.47	0.02
30	neral	22.77	0.42
31		23.20	0.03
32		23.36	0.03
33		23.59	0.03
34	germacrene D	23.74	1.67
35		24.08	0.07
36	geranial	24.59	0.62
37		25.46	0.04
38		25.62	0.16
39		25.86	0.10
40	geranyl acetate	25.99	0.55
41		26.38	0.16
42		26.91	0.03
43	nerol	27.35	0.67
44		27.65	0.03
45	geraniol	29.18	89.61
46		31.27	0.04
47		33.48	0.03
48		36.73	0.02
49		38.27	0.05
50		43.57	0.04
			100.00