



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

2048

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

Product No.:

2048

Product Name:

Fennel (Sea Fennel) organic

Botanical Name:

Crithmum maritimum

Batch No.:

1018836

Bühl, 2019-05-06

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Dr. David Nayan

Rt	# CAS	Compounds	Fid %
11.94	2867-05-2	Alpha-Thujène	0.416
12.24	80-56-8	Alpha-Pinène	2.810
12.83	79-92-5	Camphène	0.030
13.68	3387-41-5	Sabinène	3.115
13.88	127-91-3	Béta-Pinène	0.235
14.21	123-35-3	Myrcène	1.121
14.87	99-83-2	Alpha-Phellandréne	0.674
14.96	13466-78-9	Delta-3-Carène	0.067
15.25	99-86-5	Alpha-Terpinène	0.618
15.54	99-87-6	Para-Cymène	7.155
15.73	138-86-3	Limonène	0.599
15.82	555-10-2	Béta-Phellandréne	16.014
15.86	3338-55-4	(Z)-Béta-Ocimène	0.809
16.23	3779-61-1	(E)-Béta-Ocimène	0.059
16.82	99-85-4	Gamma-Terpinène	46.928
17.08	17699-16-0	Cis-Hydrate de Sabinène (IPP vs OH)	0.034
17.15	5989-33-3	Cis Oxyde de Linalol (furanoid)	0.011
17.60	586-62-9	Terpinolène	0.356
17.74	1195-32-0	Para-Cyménène	0.053
18.00	78-70-6	Linalol	0.055
18.93	7216-56-0	Allo-Ocimène	0.050
20.45	507-70-0	Bornéol	0.015
20.70	562-74-3	Terpinen-4-ol	0.907
21.11	98-55-5	Alpha-Terpinéol	0.093

Rt	# CAS	Compounds	Fid %
21.17	140-67-0	Estragol	0.032
21.92	1076-56-8	Thymol Méthyl Ether	0.222
22.13	6379-73-3	Carvacrol Méthyl Ether	7.101
23.62	21391-98-0	Phellandral	0.088
23.78	4180-23-8	(E)-Anéthol	0.077
26.20	105-87-3	Acétate de Géranyle	0.013
26.35	3856-25-5	Alpha-Copaène	0.013
27.60	87-44-5	Béta-Caryophyllène	0.008
27.84	13474-59-4	Alpha-Trans-Bergamotène	0.048
29.05	644-30-4	Ar-Curcumène	0.021
29.20	23986-74-5	Germacrène-D	0.009
29.26	6379-72-2	(E)-Méthyl-Isoeugénol	0.009
29.37	495-60-3	Alpha-Zingibérène	0.061
29.55	502-61-4	(E,E)-Farnésène	0.010
29.71	495-61-4	Béta-Bisabolène	0.086
29.97	607-91-0	Myristicine	0.230
30.12	20307-83-9	Béta-Sesquiphellandréne	0.116
30.51	487-11-6	Elémicine	0.080
31.58	6750-60-3	Spathulénol	0.008
32.45	484-31-1	Dill Apiole	8.802
		Total	99.258