



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 **1483**

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

Product No.:	1483
Product Name:	Galgant Root
Botanical Name:	Alpinia galanga
Batch No.:	1019578

Bühl, 2019-10-21


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Dr. David Nayan

Rt	# CAS	Compounds	Fid %
10.50	508-32-7	Tricyclène	0.027
10.61	2867-05-2	Alpha-Thujène	0.021
10.90	80-56-8	Alpha-Pinène	0.262
11.55	79-92-5	Camphène	0.458
12.37	3387-41-5	Sabinène	0.094
12.58	127-91-3	Béta-Pinène	0.188
12.95	123-35-3	Myrcène	0.043
13.68	13466-78-9	Delta-3-Carène	3.062
14.11	527-84-4	Ortho-Cymène	0.015
14.30	99-87-6	Para-Cymène	0.270
14.42	138-86-3	Limonène	0.324
14.57	470-82-6	Eucalyptol	1.781
16.34	586-62-9	Terpinolène	0.007
16.88	78-70-6	Linalol	0.064
19.36	507-70-0	Bornéol	0.745
19.55	562-74-3	Terpinen-4-ol	0.048
19.59	1197-01-9	Para-Cymène-8-ol	0.170
19.81	-	para-Cymène-ol	0.130
20.02	98-55-5	Alpha-Terpinéol	0.095
22.75	123-11-5	Para-Anisaldéhyde	0.116
23.43	491-09-8	Pipériténone	0.255
24.88	14912-44-8	Alpha-Ylangène	0.119
25.40	515-13-9	Béta-Elémène	0.178
25.48	629-59	Tétradécane	0.874

Rt	# CAS	Compounds	Fid %
25.89	2387-78-2	Cypérène	1.334
27.24	6753-98-6	Alpha-Humulène	0.123
27.70	4192-77-2	(E)-Cinnamate d'Ethyle	15.772
28.16	629-62-9	Pentadécane	36.957
28.32	502-61-4	(E,E)-Farnésène	0.074
28.70	39029-41-9	Gamma-Cadinène	0.748
28.76	483-76-1	Delta-Cadinène	0.244
28.89	123123-37-5	7-Epi-Alpha-Sélinène	0.137
31.20	73365-77-2	1,10-Diepi-Cubénol	0.095
32.10	-	Heptadécadiène	0.321
32.17	51507-22-3	(Z)-Para-Méthoxy-Cinnamate d'Ethyle	1.491
32.26	-	Heptadécène	0.705
32.77	629-78-7	Heptadécane	1.534
34.55	24393-56-4	(E)-Para-Méthoxy-Cinnamate d'Ethyle	26.630
38.76	1686-56-2	Sandaracopimara-8(14),15-diene	0.293
		Total	95.804

The sample contains no known artificial compound.