



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 **1484**

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

Product No.: **1484**
Product Name: **Galanga, lesser**
Botanical Name: **Languas officinarum**
Batch No.: **1015820**

Bühl, 2019-11-14

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Dr. David Nayan

Rt	# CAS	Compounds	Fid %
10.61	508-32-7	Tricyclène	0.345
10.72	2867-05-2	Alpha-Thujène	0.003
11.02	80-56-8	Alpha-Pinène	1.134
11.61	471-84-1	Fenchène	0.032
11.71	79-92-5	Camphène	7.571
12.50	3387-41-5	Sabinène	0.034
12.69	127-91-3	Béta-Pinène	0.023
13.03	110-93-0	6-Méthyl-5-Heptèn-2-one	0.049
13.07	123-35-3	Myrcène	0.927
13.72	99-83-2	Alpha-Phellandrène	0.025
14.11	99-86-5	Alpha-Terpinène	0.098
14.42	99-87-6	Para-Cymène	0.104
14.56	138-86-3	Limonène	2.976
14.63	555-10-2	Béta-Phellandrène	0.015
14.75	470-82-6	Eucalyptol	11.779
14.89	3338-55-4	(Z)-Béta-Ocimène	4.529
15.22	3779-61-1	(E)-Béta-Ocimène	30.288
15.56	99-85-4	Gamma-terpiène	0.210
16.45	586-62-9	Terpinolène	0.342
17.00	78-70-6	Linalol	1.920
17.82	7216-56-0	Allo-Ocimène	0.238
18.79	76-22-2	Camphre	18.223
18.94	064474-11-9	Camphène Hydrate	0.775
19.45	507-70-0	Bornéol	0.404

Rt	# CAS	Compounds	Fid %
19.65	562-74-3	Terpinen-4-ol	0.208
20.12	98-55-5	Alpha-Terpinéol	0.657
21.33	106-26-3	Néral	0.145
21.72	106-24-1	Géranol	11.429
22.20	141-27-5	Géranial	0.256
22.94	105-86-2	Formate de Géranyle	0.258
25.61	1754-62-7	(E)-Cinnamate de Méthyle	2.309
27.44	105-91-9	Propanoate de Néryle	0.064
27.97	26560-14-5	(Z,E)-Alpha-Farnésène	0.257
28.32	502-61-4	(E,E)-Farnésène	0.052
28.41	105-90-8	Propanoate de Géranyle	0.041
29.59	106-29-6	Butanoate de Géranyle	0.097
36.97	-	Inconnu MW 272	0.165
39.50	-	Inconnu MW 298	0.052
39.87	-	Inconnu MW 298	0.516
40.21	-	Inconnu MW 298	0.138
		Total	98.688