



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 **1335**

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

Product No.:	1335
Product Name:	Verbena (Lemon Verbena) organic
Botanical Name:	Lippia citriodora
Batch No.:	1015691

Bühl, 2020-07-14


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Dr. David Nayan

Rt	# CAS	Compounds	Fid %
10.57	2867-05-2	Alpha-Thujène	0.052
10.86	80-56-8	Alpha-Pinène	0.091
12.34	3387-41-5	Sabinène	3.690
12.56	127-91-3	Béta-Pinène	0.062
12.73	3391-86-4	1-Octèn-3-ol	0.050
12.88	110-93-0	6-Méthyl-5-Heptène-2-one	8.815
14.27	99-87-6	Para-Cymène	0.092
14.40	138-86-3	Limonène	16.810
14.97	3779-61-1	(E)-Béta-Ocimène	0.226
15.41	99-85-4	Gamma-Terpinène	0.024
15.88	17699-16-0	Cis-Hydrate de Sabinène (IPP vs. OH)	0.065
16.82	78-70-6	Linalol	0.714
17.12	546-80-5	Cis-Thujone	0.674
18.16	-	Epi-Photo-Citral-A	0.841
18.48	55253-28-6	Photo-Citral-A	0.977
18.51	106-23-0	Citronellal	0.641
18.83	72203-97-5	(Z)-Isocitral (Iso-Néral)	0.101
19.08	92356-06-4	Rosefurane Epoxyde	0.198
19.42	55722-59-3	(E)-Iso-Citral (Iso-Géranial)	0.144
19.50	562-74-3	Terpinen-4-ol	0.176
19.97	98-55-5	Alpha-Terpinéol	0.105
20.76	106-25-2	Nerol	0.713

Rt	# CAS	Compounds	Fid %
21.22	106-26-3	Néral	10.706
21.51	99-49-0	Carvone	0.393
21.80	89-81-6	Pipériténone	0.279
22.09	141-27-5	Géranial	16.040
23.78	32531-56-9	Bicycloélémente	1.074
25.00	3856-25-5	Alpha-Copaène	1.275
25.27	5208-59-3	Béta-Bourbonène	1.002
25.34	515-13-9	Béta-Elémène	0.292
25.60	58319-06-5	Sesquithujène	0.114
26.19	469-61-4	Alpha-Cédrène	0.556
26.24	87-44-5	Béta-Caryophyllène	9.008
26.47	13474-59-4	Alpha-Trans-Bergamotène	0.712
26.49	18252-44-3	Béta-Copaène	0.183
27.18	6753-98-6	Alpha-Humulène	0.645
27.28	25246-27-9	Allo-Aromadendrene	0.882
27.63	30021-74-0	Gamma-Murolène	0.295
27.75	644-30-4	Ar-Curcumène	5.011
27.82	23986-74-5	Germacrène-D	1.099
28.02	495-60-3	Alpha-Zingibérène	0.166
28.20	24703-35-3	Bicyclogermacrène	2.466
28.40	28976-67-2	Béta-Curcumène	0.659
28.60	39029-41-9	Gamma-Cadinène	0.284
28.68	483-76-1	Delta-Cadinène	0.347
29.65	40716-66-3	(E)-Nérolidol	1.035

Rt	# CAS	Compounds	Fid %
30.28	6750-60-3+-	Spathuléol+Inconnu MW 220	2.340
30.40	1139-30-6	Oxyde de Caryophyllene	3.388
31.75	593711-1	Epi-Alpha-Cadinol	0.229
41.13	-	Inconnu MW 286	0.056
		Total	95.797