



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 **1930**

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

Product No.: **1930**
Product Name: **Lavender Highland superior, wild organic**
Botanical Name: **Lavandula angustifolia**
Batch No.: **1019786**

Bühl, 2020-03-25



Dr. David Nayan

Rt	# CAS	Compounds	Fid %
10.53	508-32-7	Tricyclène	0.027
10.65	2867-05-2	Alpha-Thujène	0.063
10.95	80-56-8	Alpha-Pinène	0.301
11.60	79-92-5	Camphène	0.238
12.43	3387-41-5	Sabinène	0.056
12.62	127-91-3	Béta-Pinène	0.100
12.80	3391-86-4	1-Octen-3-ol	0.208
12.97	106-68-3	3-Octanone	0.649
13.02	123-35-3	Myrcène	0.718
13.42	589-98-0	3-Octanol	0.035
13.70	13466-78-9	Delta-3-Carène	0.073
13.90	142-92-7	Acétate d'Hexyle	0.137
14.05	99-86-5	Alpha-Terpinène	0.037
14.18	527-84-4	Ortho-Cymène	0.049
14.37	99-87-6	Para-Cymène	0.162
14.47	138-86-3	Limonène	0.183
14.60	470-82-6	Eucalyptol	0.443
14.66	3338-55-4	(Z)-Béta-Ocimène	5.511
15.02	3779-61-1	(E)-Béta-Ocimène	2.744
15.50	99-85-4	Gamma-Terpinène	0.076
15.92	5989-33-3	Cis Oxyde de Linalol (furanoid)	0.147
15.96	17699-16-0	Cis-Hydrate de Sabinène (IPP vs. OH)	0.103
16.41	586-62-9	Terpinolène	0.023
16.50	34995-77-2	Trans-Oxyde de Linalol (furanoid)	0.136

Rt	# CAS	Compounds	Fid %
17.00	78-70-6	Linalol	23.345
17.08	2442-10-6	Acétate d'octène-3-yle	1.731
17.47	4864-61-3	Acétate d'octan-3-yle	0.121
17.79	7216-56-0	Allo-Ocimene	0.312
18.60	1786-08-9	Oxyde de Nérol	0.402
18.98	498-16-8	Lavandulol	0.179
19.27	56318-84-4	5-Pentylcyclohexa-1,3-Diène	0.011
19.40	507-70-0	Bornéol	0.993
19.60	562-74-3	Terpinen-4-ol	3.133
19.73	2639-63-6	Butanoate d'Hexyle	0.226
19.93	500-02-7	Cryptone	0.122
20.06	98-55-5	Alpha-Terpinéol	0.249
21.04	7492-41-3	Formate de Bornyle	0.086
21.53	115-95-7	Acétate de Linalyle	42.819
21.65	106-24-1	Géranol	0.041
22.43	20777-39-3	Acétate de Lavandulyle	2.018
22.58	76-49-3	Acétate de Bornyle	0.273
24.54	141-12-8	Acétate de Néryle	0.139
25.08	105-87-3	Acétate de Géranyle	0.464
25.31	159405-35-9	7-Epi-Sesquithujène	0.108
25.69	58319-06-5	Sesquithujène	0.021
26.05	18252-46-5	Alpha-Cis-Bergamotène	0.084
26.20	512-61-8	Alpha-Santalène	0.919
26.35	87-44-5	Béta-Caryophyllène	5.618

Rt	# CAS	Compounds	Fid %
26.53	13474-59-4	Alpha-Trans-Bergamotène	0.239
26.95	28973-97-9	(Z)-Béta-Farnésène	1.214
27.06	58319-04-3	Sesquisabinène	0.122
27.27	6753-98-6	Alpha-Humulène	0.233
27.91	23986-74-5	Germacrène-D	0.436
28.45	495-61-4	Béta-Bisabolène	0.048
28.68	39029-41-9	Gamma-Cadinène	0.115
28.80	483-76-1	Delta-Cadinène	0.136
28.87	20307-83-9	Béta-Sesquiphellandrène	0.044
29.70	-	Sesquiterpène Oxygéné MW220	0.069
30.48	1139-30-6	Oxyde de Caryophyllene	1.019
31.83	593711-1	Epi-Alpha-Cadinol	0.080
		Total	99.388