



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 **1593**

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

Product No.:	1593
Product Name:	Helichrysum gymnocephalum (Immortella)
Botanical Name:	Helichrysum gymnocephalum
Batch No.:	1015950

Bühl, 2020-04-15

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Dr. David Nayan

Rt	# CAS	Compounds	Fid %
5.31	1489-56-1	(1-Méthyl-1,3)-Cyclohexadiene	0.067
10.64	2867-05-2	Alpha Thujène	0.532
10.94	80-56-8	Alpha-Pinène	3.255
11.53	471-84-1	Fenchène	0.016
11.57	79-92-5	Camphène	0.076
12.40	3387-41-5	Sabinène	1.186
12.60	127-91-3	Béta-Pinène	2.569
12.96	123-35-3	Myrcène	0.810
13.06	66113-06-2	Déhydro-1,8-Cinéole	1.886
13.64	99-83-2	Alpha-Phellandrène	0.105
13.99	99-86-5	Alpha-Terpinène	0.666
14.38	99-87-6	Para-Cymène	2.828
14.54	138-86-3	Limonène	0.767
14.68	555-10-2	Béta-Phellandrène	0.281
14.72	470-82-6	Eucalyptol	69.569
15.00	3779-61-1	(E)-Béta-Ocimène	0.022
15.44	99-85-4	Gamma-Terpinène	1.885
15.90	17699-16-0	Cis-Hydrate de Sabinène	0.031
16.35	586-62-9	Terpinolène	0.294
16.45	34995-77-2	Trans-Oxyde de Linalol (Furanoïde)	0.110
16.59	1195-32-0	Para-Cyménène	0.083
16.86	78-70-6	Linalol	0.374

Rt	# CAS	Compounds	Fid %
16.97	15826-82-1	Trans-Hydrate de Sabinène	0.075
19.25	7299-42-5	Delta-Terpinéol	0.607
19.30	1686-20-0	Para-Mentha-1,5-diène-8-ol	0.274
19.32	507-70-0	Bornéol	0.073
19.53	562-74-3	Terpinène-4-ol	3.301
20.00	98-55-5	Alpha-Terpinéol	0.719
24.91	14912-44-8	Alpha-Ylangène	0.089
25.07	3856-25-5	Alpha-Copaène	0.265
25.40	515-13-9	Béta-Elémène	0.022
26.30	87-44-5	Béta-Caryophyllène	0.948
27.23	6753-98-6	Alpha-Humulène	0.874
27.60	20085-11-4	Trans-Cadina-1(6),4-diène	0.064
27.66	30021-74-0	Gamma-Murolène	0.221
28.12	4630-07-3	Valencène	0.169
28.20	41702-63-0	Epizonarène	0.082
28.27	31983-22-9	Alpha-Murolène	0.366
28.40	495-61-4	Béta-Bisabolène	0.171
28.66	39029-41-9	Gamma-Cadinène	0.692
28.73	483-76-1	Delta-Cadinène	0.715
28.88	72937-55-4	Cis-Calaménène	0.195
30.44	1139-30-6	Oxyde de Caryophyllène	0.103
		Total	97.437