



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 **2164**

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

Product No.:	2164
Product Name:	Fewerfew wild
Botanical Name:	Tanacetum parthenium
Batch No.:	1015521

Bühl, 2019-08-08

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Dr. David Nayan

Rt	# CAS	Compounds	Fid %
7.34	35059-4-6	5-(1,1-dimethylethyl)-1,3-Cyclopentadiene	0.300
10.56	508-32-7	Tricyclène	0.599
10.67	2867-05-2	Alpha-Thujène	0.154
10.96	80-56-8	Alpha-Pinène	2.037
11.39	36262-09-6	Thuja-2,4(10)-diène	0.269
11.66	79-92-5	Camphène	12.287
12.36	100-52-7	Benzaldéhyde	0.045
12.46	3387-41-5	Sabinène	0.337
12.65	127-91-3	Béta-Pinène	0.653
13.00	123-35-3	Myrcène	0.026
13.10	3777-69-3	2-PentylFurane	0.054
13.31	108-67-8	Mésitylène	0.047
13.68	99-83-2	Alpha-Phellandrène	0.042
14.06	99-86-5	Alpha-Terpinène	0.064
14.27	95-63-6	1,2,4-Triméthylbenzène	0.029
14.37	99-87-6	Para-Cymène	1.325
14.51	138-86-3	Limonène	0.606
14.58	555-10-2	Béta-Phéllandrène	0.044
14.62	470-82-6	Eucalyptol	0.020
15.04	3779-61-1	(E)-Béta-Ocimène	0.021
15.50	99-85-4	Gamma-Terpinène	0.301
16.03	17699-16-0	Cis-Hydrate de Sabinène (IPP vs. OH)	0.062
16.42	586-62-9	Terpinolène	0.033
16.70	1195-32-0	Para-Cyménène	0.018

Rt	# CAS	Compounds	Fid %
17.00	78-70-6	Linalol	0.081
17.14	33933-72-1	2,2,6-Triméthyl-3-Kéto-6-Vinyl-Tétrahydropyran	0.257
17.55	-	Monoterpène Oxygéné MW152	1.131
17.93	4501-58-0	Alpha-Campholénal	0.140
18.23	127128-60-3	(+,-)-1,3,3-Triméthylcyclohex-1-ene-4-carboxaldéhyde	0.347
18.58	547-61-5	Trans-Pinocarvéol	0.260
18.81	76-22-2	Camphre	47.839
19.11	16812-40-1	Pinocarvone	0.265
19.47	507-70-0	Bornéol	0.582
19.66	562-74-3	Terpinen-4-ol	0.316
20.16	564-94-3	Myrténal	0.199
20.54	80-57-9	Verbénone	0.044
21.06	50764-55-1	Trans-Acétate de Chrysanthényle	20.572
21.60	122-03-2	Cuminaldéhyde	0.052
22.58	-	Monoterpène Oxygéné MW152	1.022
22.64	76-49-3	Acétate de Bornyle	1.155
22.71	89-83-8	Thymol	0.037
23.00	103-28-6	Isobutanoate de Benzyle	0.036
23.23	499-75-2	Carvacrol	0.028
23.70	1079-01-2	Acétate de Myrtényle	0.032
25.13	3856-25-5	Alpha-Copaène	0.062
25.45	56423-40-6	2-MéthylButanoate de Benzyle	0.150
25.70	103-38-8	3-MéthylButanoate de Benzyle	0.178
25.84	93-15-2	Méthyl-Eugénol	0.001

Rt	# CAS	Compounds	Fid %
26.36	87-44-5	Béta-Caryophyllène	0.371
27.00	28973-97-9	(Z)-Béta-Farnésène	0.605
27.32	6753-98-6	Alpha-Humulène	0.027
27.98	23986-74-5	Germacrène-D	0.488
28.18	17066-67-0	Béta-Sélinène	0.060
28.32	24703-35-3	Bicyclogermacrène	0.059
28.76	-	IsoPentanoate de Bornyle*	0.225
29.83	85758-37-8	Angélate de Bornyle	0.922
30.56	1139-30-6	Oxyde de Caryophyllène	0.352
31.03	-	Ester de Bornyle*	0.052
32.53	6168-59-8	Intermédiol	0.068
		Total	97.388