



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 **1122**

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

Product No.: **1122**
Product Name: **Basil, sweet (Vietnam)**
Botanical Name: **Ocimum Basilicum L.**
Batch No.: **1019046**

Bühl, 2020-04-07


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Dr. David Nayan

Rt	# CAS	Compounds	Fid %
10.75	2867-05-2	Alpha-Thujene	0.012
11.02	80-56-8	Alpha-Pinène	0.289
11.66	79-92-5	Camphène	0.066
12.50	3387-41-5	Sabinène	0.213
12.70	127-91-3	Béta-Pinène	0.509
12.85	3391-86-4	1-Octène-3-ol	0.050
13.03	106-68-3	3-Octanone	0.007
13.06	123-35-3	Myrcène	0.286
13.72	13466-78-9	Delta-3-Carène	0.008
14.10	99-86-5	Alpha-Terpinène	0.014
14.41	99-87-6	Para-Cymène	0.028
14.54	138-86-3	Limonène	0.273
14.62	555-10-2	Béta-Phellandréne	0.036
14.71	470-82-6	Eucalyptol	4.109
15.10	3779-61-1	(E)-Béta-Ocimène	1.367
15.54	99-85-4	Gamma-Terpinène	0.031
16.03	17699-16-0	Cis-Hydrate de Sabinène (IPP vs. OH)	0.019
16.45	586-62-9	Terpinolène	0.068
16.70	1195-79-5	Fenchone	0.155
16.97	78-70-6	Linalol	1.084
17.72	14575-74-7	Endo-Fenchol	0.107
18.22	28977-57-3	(E)-Epoxy-Ocimène	0.031
18.67	76-22-2	Camphre	0.437
19.35	7299-42-5	Delta-Terpinéol	0.062

Rt	# CAS	Compounds	Fid %
19.43	507-70-0	Bornéol	0.041
19.65	562-74-3	Terpinène-4-ol	0.080
20.15	98-55-5	Alpha-Terpinéol	0.035
20.45	140-67-0	Estragol	84.429
20.72	-	Acétate de Fenchyle	0.136
22.65	76-49-3	Acétate de Bornyle	0.135
22.95	4180-23-8	(E)-Anéthol	0.005
25.15	3856-25-5	Alpha-Copaène	0.019
25.30	-	Béta-Elémène*	0.014
25.48	515-13-9	Béta-Elémène	0.249
25.85	93-15-2	Méthyl-Eugénol	0.350
26.38	87-44-5	Béta-Caryophyllène	0.210
26.61	13474-59-4	Alpha-trans Bergamotène	2.581
26.70	3691-12-1	Alpha-Guaiène	0.077
27.00	28973-97-9	(Z)-Béta-Farnésène	0.069
27.33	6753-98-6	Alpha-Humulène	0.074
27.50	157477-72-0	Cis-Muurolo-4(14),5-diène	0.081
27.96	23986-74-5	Germacrène-D	0.309
28.33	24703-35-3	Bicyclogermacrène	0.055
28.43	54324-03-7	Trans Muurolo-4(14),5-diène	0.099
28.75	39029-41-9	Gamma-Cadinène	0.436
28.81	483-76-1	Delta-Cadinène	0.020
28.92	20307-83-9	Béta-Sesquiphellandrène	0.112
28.95	72937-55-4	Cis-Calaménène	0.022

Rt	# CAS	Compounds	Fid %
30.37	24680-50-0	(E)-Para-Méthoxy-Cinnamaldéhyde	0.075
30.52	1139-30-6	Oxyde de Caryophyllène	0.015
31.27	19912-67-5	1-Epi-Cubénol	0.081
31.90	5937-11-1	Epi-Alpha-Cadinol	0.497
32.20	481-34-5	Alpha-Cadinol	0.025
		Total	99.592

* Unidentified isomer

The sample contains no known artificial compound.