



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 **1266**

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

Product No.:	1266
Product Name:	Citronella (Ceylon-Type) organic
Botanical Name:	Cymbopogon nardus
Batch No.:	1019636

Bühl, 2020-03-23

Ayus GmbH
Am Dreschschopf 1 D-77815 Bühl/Moos
Tel.: +49-(0)7227-60099-0 Fax: +49-(0)7227-60099-99
E-Mail: info@oshadhi.eu Web: www.oshadhi.eu

Dr. David Nayan

Rt	# CAS	Compounds	Fid %
10.69	508-32-7	Tricyclène	0.008
11.00	80-56-8	Alpha-Pinène	0.087
11.64	79-92-5	Camphène	0.032
12.48	3387-41-5	Sabinène	0.023
12.67	127-91-3	Béta-Pinène	0.042
13.00	110-93-0	6-Méthyl-Hept-5-ène-2-one	0.995
13.04	123-35-3	Myrcène	0.137
14.39	99-87-6	Para-Cymène	0.030
14.51	138-86-3	Limonène	2.759
14.60	555-10-2	Béta-Phellandréne	0.032
14.66	470-82-6	Eucalyptol	0.154
14.70	3338-55-4	(Z)-Béta-Ocimène	0.193
15.06	3779-61-1	(E)-Béta-Ocimène	0.147
15.39	106-72-9	Bergamal	0.082
15.51	99-85-4	Gamma-Terpinène	0.014
16.00	4485-09-0	4-Nonanone	0.531
16.43	586-62-9	Terpinolène	0.045
16.64	15186-51-3	Rosefuran	0.037
16.86	539-52-6	Pérylène	0.021
16.95	78-70-6	Linalol	2.317
17.26	4610-11-1	Cis-oxyde de Rose	0.093
18.28	-	EpiPhoto Citral	0.105
18.38	55050-40-3	Exo-Isocitral	0.027
18.70	106-23-0	Citronellal	6.518

Rt	# CAS	Compounds	Fid %
18.95	1000414-18-0	Iso-Néral	0.234
19.19	92356-06-4	Rose Furan epoxyde	0.038
19.53	1000414-18-1	Iso-Géranial	0.144
20.09	98-55-5	Alpha-Terpinéol	0.086
20.95	106-22-9	Citronellol	2.275
21.12	106-25-2	Nérol	0.066
21.37	106-26-3	Néral	4.112
21.91	106-24-1	Géraniol	54.267
22.30	141-27-5	Géranial	5.873
22.95	105-86-2	Formate de Géranyle	0.179
24.34	150-84-5	Acétate de Citronellyle	0.754
24.60	141-12-8	Acétate de néryle	0.046
25.21	105-87-3	Acétate de Geranyle	8.419
25.32	-	Béta-Elémène*	0.018
25.41	5208-59-3	Béta-Bourbonène	0.087
25.51	515-13-9	Béta-Elémène	0.381
26.42	87-44-5	Béta-Caryophyllène	4.145
26.63	13474-59-4	Alpha-Trans-Bergamotène	0.680
26.84	18794-84-8	(E)-Béta-Farnésène	0.076
27.06	28973-97-9	(Z)-Béta-Farnésène	0.139
27.18	189165-77-3	Trans-Muurola-3,5-Diène	0.021
27.22	5932-68-3	(E)-Iso-Eugénol	0.075
27.39	6753-98-6	Alpha-Humulène	0.512
27.79	30021-74-0	Gamma-Muurolène	0.069

Rt	# CAS	Compounds	Fid %
28.00	23986-74-5	Germacrène-D	0.171
28.40	31983-22-9	Alpha-Muurolène	0.154
28.80	39029-41-9	Gamma-Cadinène	0.215
28.88	483-76-1	Delta-Cadinène	0.501
29.27	38758-02-0	Trans-Cadina-1,4-Diène	0.014
29.36	82468-90-4	Alpha-Cadinène	0.038
29.72	639-99-6	Elémol	0.072
30.63	1139-30-6	Oxyde de Caryophyllène	0.511
31.64	1209-71-8	Gamma Eudesmol	0.007
Total			98.808