



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 **1020**

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

Product No.:	1020
Product Name:	Amyris
Botanical Name:	Amyris balsamifera
Batch No.:	1018727

Bühl, 2019-04-11

Ayus GmbH
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Dr. David Nayan

Rt	# CAS	Compounds	Fid %
27.14	515-13-9	Béta-Elémène	0.215
27.62	118-65-0	(Z)-Caryophyllène	0.108
27.80	18252-46-5	Alpha-Cis-Bergamotene	0.011
27.98	469-61-4	Alpha-Cédrène	0.024
28.04	87-44-5	Béta-Caryophyllène	0.142
28.25	13474-59-4	Alpha-Trans-Bergamotène	0.062
28.48	470-40-6	Cis-Thijopsène	0.127
28.65	28973-97-9	(Z)-Béta-Farnésène	0.192
28.74	92692-39-2	Amorpha-4,11-Diène	0.624
28.97	28477-64-7	Béta-Acoradiène	2.232
29.39	28976-68-3	Gamma-Curcumène	1.671
29.48	644-30-4	Ar-Curcumène	2.361
29.67	-	Hydrocarbure sesquiterpénique MW 204	0.399
29.81	495-60-3	Alpha-Zingibérène	3.160
29.90	4630-07-3	Valencène	0.571
30.00	-	Sesquiterpène oxygéné MW 222	0.293
30.14	495-61-4	Béta-Bisabolène	0.965
30.20	-	Sesquiterpène oxygéné MW 220	0.649
30.32	765307-45-7	4-Epi-Cis-Dihydroagarofuran	0.798
30.44	5956-09-2	Béta-Dihydro-Agarofuran	0.401
30.57	20307-83-9	Béta-Sesquiphellandréne	3.255
30.60	123123-37-5	7-Epi-Alpha-Sélinène	0.404
30.76	-	4-Epi-Cis-Dihydroagarofuran*	0.106
31.14	6813-21-4	Sélina-3,7(11)-Diène	1.945

Rt	# CAS	Compounds	Fid %
31.25	40716-66-3	(E)-Nérolidol	9.109
31.36	-	Sesquiterpène oxygéné MW 222	1.449
32.69	-	Sesquiterpène oxygéné MW 220	1.533
33.12	-	Sesquiterpène oxygéné MW 222	4.613
33.15	15051-81-7	10-Epi-Gamma-Eudesmol	2.750
33.32	1209-71-8	Gamma-Eudesmol	8.602
33.92	20489-45-6	Valérianol	19.142
33.97	473-16-5+473-15-4	Alpha-Eudesmol + Béta-Eudesmol	12.549
34.07	123123-38-6	7-Epi-Alpha-Eudesmol	6.838
35.20	78339-53-4	(Z)-Nuciférol	0.133
35.50	72441-71-5	(6R-7R)-Bisabolone	0.331
35.64	72441-70-4	(6S-7R)-Bisabolone	0.446
36.46	468-68-8	Driménol	2.067
		Total	90.277