



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 **3175**

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

Product No.:	3175
Product Name:	Cypress (Lawson Cypress, Port Orford Cedar)
Botanical Name:	Chamaecyparis lawsoniana
Batch No.:	1014967

Bühl, 2020-07-14


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Dr. David Nayan

Rt	# CAS	Compounds	Fid %
10.46	508-32-7	Tricyclène	0.025
10.87	80-56-8	Alpha-Pinène	2.086
11.46	471-84-1	Fenchène	0.117
11.52	79-92-5	Camphène	0.297
12.95	123-35-3	Myrcène	0.028
13.62	99-83-2	Alpha-Phellandrène	0.021
13.88	470-67-7	1,4-Cinéole	0.145
13.97	99-86-5	Alpha-Terpinène	0.039
14.27	99-87-6	Para-Cymène	0.271
14.40	138-86-3	Limonène	0.867
14.46	555-10-2	Béta-Phellandrène	0.013
14.52	470-82-6	Eucalyptol	0.097
15.40	99-85-4	Gamma-Terpinène	0.028
16.31	586-62-9	Terpinolène	0.486
16.56	1195-79-5	Fenchone	1.747
17.60	14575-74-7	Endo-Fenchol	2.602
18.51	89-79-2	Isopulégol	0.251
18.55	76-22-2	Camphre	3.738
18.81	18674-65-2	Iso-Isopulégol	0.090
19.02	124-76-5	Isobornéol	0.159
19.33	507-70-0	Bornéol	3.546
19.50	562-74-3	Terpinène-4-ol	0.413

Rt	# CAS	Compounds	Fid %
19.82	1197-01-9	Para-Cymèn-8-ol	0.155
20.06	98-55-5	Alpha-Terpinéol	10.250
20.10	515-00-4	Myrténol	0.506
20.13	586-81-2	Gamma-Terpinéol	0.927
21.14	6379-73-3	Carvacrol Méthyl Ether	0.036
22.06	109010-10-8	Acétate de Néo-Isopulégyle	0.155
22.33	109010-11-9	Acétate d'Iso-Isopulégyle	0.094
22.50	76-49-3	Acétate de Bornyle	0.534
22.80	4821-04-9	Acétate de Terpinen-4-ol	0.189
23.60	1079-01-2	Acétate de Myrtényle	0.175
24.17	17699-14-8	Alpha-Cubébène	0.553
24.22	80-26-2	Acétate d'Alpha-Terpinyle	1.259
25.01	3856-25-5	Alpha-Copaène	0.303
25.35	515-13-9	Béta-Elémène	1.618
26.24	87-44-5	Béta-Caryophyllène	0.226
27.18	6753-98-6	Alpha-Humulène	0.305
27.22	85-11-4	Trans-Cadina-1(6),4-Diène	0.071
27.56	-	Hydrocarbure sesquiterpénique MW204	0.421
27.59	-	Hydrocarbure sesquiterpénique MW204	0.794
27.62	30021-74-0	Gamma-Murolène	3.501
28.08	17066-67-0	Béta-Sélinène	2.643
28.15	41702-63-0	Epizonarène	0.695
28.26	31983-22-9	Alpha-Murolène	7.747
28.68	39029-41-9	Gamma-Cadinène	10.050

Rt	# CAS	Compounds	Fid %
28.78	483-76-1	Delta-Cadinène	14.649
28.88	72937-55-4	Cis-Calaménène	1.595
29.08	38758-02-0	Trans-Cadina-1,4-diène	0.223
29.20	82468-90-4	Alpha-Cadinène	1.375
29.36	21391-99-1	Alpha-Calacorène	0.593
29.67	40716-66-3	(E)-Nérolidol	0.173
31.13	77-53-2	Cédrol	0.577
31.41	73365-77-2	(1,10-Epi)-Cubénol	0.886
31.54	1209-71-08	Gamma-Eudesmol	0.302
31.78	5937-11-1	Epi-Alpha-Cadinol	4.033
31.85	19912-62-0	Epi-Alpha-Murrolol	4.497
31.89	19435-97-3	Alpha-Murrolol	1.259
32.14	481-34-5	Alpha-Cadinol	6.082
		Total	96.518