



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

3110

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

Product No.:

3110

Product Name:

**Cinnamon Bark (app. 45%
Cinnamaldehyde) organic**

Botanical Name:

Cinnamomum verum

Batch No.:

1019259

Bühl, 2019-04-11

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Dr. David Nayan

Rt	# CAS	Compounds	Fid %
11.02	100-42-5	Styrène	0.017
12.35	2867-05-2	Alpha-Thujène	0.142
12.65	80-56-8	Alpha-Pinène	0.724
13.28	79-92-5	Camphène	0.248
13.62	100-52-7	Benzaldéhyde	0.104
14.08	3387-41-5	Sabinène	0.052
14.30	127-91-3	Béta-Pinène	0.237
14.62	123-35-3	Myrcène	0.103
15.30	99-83-2	Alpha-Phellandréne	0.959
15.38	13466-78-9	Delta-3-Carène	0.069
15.65	99-86-5	Alpha-Terpinène	0.243
15.73	527-84-4	Ortho-Cymène	0.019
15.92	99-87-6	Para-Cymène	2.062
16.10	138-86-3	Limonène	0.551
16.16	555-10-2	Béta-Phellandréne	0.931
16.20	47082-6	Eucalyptol	1.651
16.25	3338-55-4	(Z)-Béta-Ocimène	0.038
16.62	3779-61-1	(E)-Béta-Ocimène	0.037
17.07	99-85-4	Gamma-Terpinène	0.037
17.50	5989-33-3	Cis Oxyde de Linalol (furanoid)	0.010
18.01	586-62-9	Terpinolène	0.111
18.14	1195-32-0	Para-Cyménène	0.010
18.46	78-70-6	Linalol	5.474
20.10	76-22-2	Camphre	0.031

Rt	# CAS	Compounds	Fid %
20.43	1014-53-0	Hydrocynamaldéhyde	0.064
20.86	507-70-0	Bornéol	0.025
21.10	562-74-3	Terpinen-4-ol	0.070
21.52	98-55-5	Alpha-Terpinéol	0.171
22.21	57194-69-1	(Z)-Cinnamaldéhyde	0.157
22.51	122-97-4	Alcool Hydrocinnamique	0.028
24.10	14371-10-9	(E)-Cinnamaldéhyde	46.019
24.36	94-59-7	Safrole	0.306
26.18	97-53-0	Eugénol	22.927
26.86	3856-25-5	Alpha-Copaène	0.408
27.15	515-13-9	Béta-Elémène	0.021
27.21	93-15-2	Méthyl-Eugénol	0.010
28.09	87-44-5	Béta-Caryophyllène	7.578
28.51	21040-45-9	Acétate de (E)-Cinnamyle	4.615
29.00	6753-98-6	Alpha-Humulène	0.516
29.97	31983-22-9	Alpha-Murolène	0.072
30.20	93-28-7	Acétate d'Eugényle	0.688
30.37	39029-41-9	Gamma-Cadinène	0.010
30.45	483-76-1	Delta-Cadinène	0.058
30.58	60125-24-8	(E)-Ortho-Méthoxy-Cinnamaldéhyde	0.211
31.04	21391-99-1	Alpha-Calacorène	0.011
31.98	6750-60-3	Spathuléol	0.040
32.15	1139-30-6	Oxyde de Caryophyllène	0.293
32.55	124-25-4	Tétradécanal	0.107

Rt	# CAS	Compounds	Fid %
32.80	19888-34-7	Humulène-Epoxyde II	0.039
36.20	120-51-4	Benzoate de Benzyle	1.086
		Total	99.390