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	**3160**

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

Product No.:	**3160**
Product Name:	**Lemon yellow organic**
Botanical Name:	**Citrus limonum**
Batch No.:	**1018908**

Bühl, 2019-01-29

Dr. David Nayan

Signal: FID1A

Name	RT [min]	Area%	Width [min]	Area	Height
Alpha Thujene	2.132	0.39	0.07	26.58	23.28
Alpha Pinene	2.207	1.85	0.13	124.53	109.19
Camphene	2.363	0.06	0.11	4.17	3.37
Sabinene	2.573	2.02	0.06	135.86	99.78
Beta Pinene	2.646	12.57	0.07	847.17	676.70
Myrcene	2.720	1.61	0.06	108.42	97.96
Octanal	2.883	0.05	0.05	3.61	2.92
Alpha Phellandrene	2.929	0.04	0.10	2.77	1.66
Alpha Terpinene	3.053	0.14	0.09	9.66	5.79
P-Cimene					
D-Limonene	3.265	68.27	0.26	4599.71	1648.21
Z-beta-Ocimene					
E-beta-Ocimene	3.394	0.09	0.16	6.21	5.19
Gamma Terpinene	3.581	9.13	0.17	615.17	458.83
Cis Sabinene Hydrate	3.729	0.03	0.05	2.02	1.66
Terpinolene	3.921	0.16	0.08	10.46	9.81
Linalool	4.120	0.05	0.09	3.49	3.01
Trans Sabinene Hydrate	4.159	0.01	0.03	0.64	0.57
Nonanal	4.193	0.04	0.10	2.74	2.23
Citronellal	4.842	0.00	0.08	0.22	0.12
Terpinene-4-ol	5.331	0.01	0.13	0.71	0.31
Alpha Terpineol	5.584	0.01	0.08	0.88	0.52
Decanal	5.751	0.00	0.12	0.31	0.13
Nerol+Citronellol					
Neral	6.258	0.97	0.14	65.46	46.30
Geraniol	6.435	0.00	0.09	0.26	0.11
Geranial	6.745	1.56	0.02	105.29	68.01
Perillaldheyde					
Undecanal	7.351	0.00	0.02	0.26	0.16
Citronellyl Acetate					
Neryl Acetate	8.211	0.28	0.02	18.85	12.46
Geranyl Acetate	8.534	0.49	0.02	33.11	20.11
Beta Elemene					
Dodecanal					
Beta Cariofillene					
Trans Alpha Bergamottene					

Name	RT [min]	Area%	Width [min]	Area	Height
Alpha Umulene					
Cis-Trans farnesene					
Santalene					
Gamma Muurulene					
Germacrene D					
Valencene					
Biciclogermacrene					
Alpha Bisabolene					
Beta Bisabolene					
Gamma Elemene					
Tetradecanale					
Norbornarol	11.564	0.01	0.18	0.35	0.13
Canferenol	11.516	0.01	0.05	0.42	0.28
Bisabolol					
			Sum	6729.31	

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