

Certificate of Analysis Terpenes

Reference: Lilly Client: Institut für Hanfanalytik
Sample date: 10/01/2019 at 07:30 Sample ID: 79900331
Bloomday: Rosenthal Sample material: herbal
Description: Fedora 17 Lot.: 2021 F37Y
Further information: Field 2 / Section 4 / Bloomd. 61

Class 1 Terpenes

beta-Myrcene	>> 5,198
alpha-Pinene	>> 3,056
beta-Pinene	>> 1,254
(+)-Limonene	0,914
Citronellol	0,065
Linalool	0,525
(+)-Cedrol	0,131
beta-Caryophyllene	0,211

Class 2 Terpenes

Caryophyllene Oxide	*
alpha-Humulene	0,064
Eucalyptol	*
Terpinolene	0,027
cis-Ocimene	*
trans-Ocimene	0,052
(-)-Guaiol	*
(-)-alpha-Bisabolol	0,094

Class 3 Terpenes

cis-Nerolidol	0,140
trans-Nerolidol	0,038
alpha-Cedrene	*
Fenchol	0,252
l-(-)-Fenchone	0,059
(+)-Pulegone	*
Geraniol	*
Geranylacetate	0,023

Class 4 Terpenes

Isoborneol	0,022
alpha-Terpinene	*
gamma-Terpinene	0,014
Camphene	0,086
(-)-Camphor	*
para-Cymene	*
delta-3-Carene	*
(-)-Isopulegol	0,014

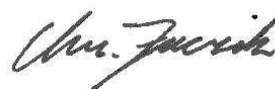
Terpenes total >> 12,239

*) ND = not detectable. The measured value was below the limit of detection of 0.010 mg/g or 10 ppm.
Unit: mg/g. The validated measurement uncertainty of the method is 20 %.

Picture of the received sample on 11/01/2019



Head of Laboratory Services



Ing. Christian Fuczik, Chemist
Analysis reviewed - last changes: 04/02/2022 at 11:34

Footnote:

Method of analysis: HS GC-FID (headspace - gas chromatography-flame ionisation detector). All measurement methods were calibrated and controlled with certified reference materials (CRM).

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