

# Certificate of Analysis Terpenes

Reference:  
Sample date: 18/03/2022  
Bloomday: -----  
Description: hemp flower  
Further information: greenhouse

Client: SAS MONPLANCB  
Sample ID: A2600120  
Sample material: herbal

## Class 1 Terpenes

beta-Myrcene	>> 7,343
alpha-Pinene	>> 2,384
beta-Pinene	0,923
(+)-Limonene	0,903
Citronellol	*
Linalool	0,510
(+)-Cedrol	0,337
beta-Caryophyllene	>> 1,945

## Class 2 Terpenes

Caryophyllene Oxide	0,031
alpha-Humulene	0,483
Eucalyptol	0,013
Terpinolene	0,018
cis-Ocimene	*
trans-Ocimene	0,092
(-)-Guaiol	0,260
(-)-alpha-Bisabolol	0,190

## Class 3 Terpenes

cis-Nerolidol	0,152
trans-Nerolidol	0,054
alpha-Cedrene	*
Fenchol	0,188
l(-)-Fenchone	0,054
(+)-Pulegone	*
Geraniol	*
Geranylacetate	0,033

## Class 4 Terpenes

Isoborneol	0,021
alpha-Terpinene	*
gamma-Terpinene	0,010
Camphene	0,049
(-)-Camphor	*
para-Cymene	*
delta-3-Carene	*
(-)-Isopulegol	*

**Terpenes total** >> 16,009

\*) 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 21/03/2022



Head of Laboratory Services



Ing. Christian Fuczik, Chemist  
Analysis reviewed - last changes: 23/03/2022 at  
15:54

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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