

# Certificate of Analysis Terpenes

Description I:	Cannatonic	Client:	G Pirates s.r.o.
Sample date:	-----	Sample ID:	F9700053
Bloomday:	-----	Sample material:	herbal
Description II:	CNT-CLN25		
Further information:	-----		

## Class 1 Terpenes

beta-Myrcene	>> 2,219
alpha-Pinene	0,805
beta-Pinene	0,287
(+)-Limonene	0,347
Citronellol	0,012
Linalool	0,297
(+)-Cedrol	0,246
beta-Caryophyllene	>> 1,656

## Class 2 Terpenes

Caryophyllene Oxide	0,037
alpha-Humulene	0,484
Eucalyptol	0,039
Terpinolene	*
cis-Ocimene	*
trans-Ocimene	0,022
(-)-Guaiol	0,322
(-)-alpha-Bisabolol	0,313

## Class 3 Terpenes

cis-Nerolidol	0,171
trans-Nerolidol	0,027
alpha-Cedrene	*
Fenchol	0,086
l-(-)-Fenchone	0,025
(+)-Pulegone	*
Geraniol	*
Geranylacetate	0,018

## Class 4 Terpenes

Isoborneol	0,010
alpha-Terpinene	0,033
gamma-Terpinene	0,011
Camphene	0,021
(-)-Camphor	*
para-Cymene	*
delta-3-Carene	0,013
(-)-Isopulegol	*

**Terpenes total** >> 7,509 mg/g

Sample received: 04/11/2024 - 2,963 g



Head of Laboratory Services



Ing. Christian Fuczik, Chemist

Analysis reviewed - last changes: 07/11/2024 at 14:53

**Footnote:**

\*) 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 %.

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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