

# Certificate of Analysis Cannabinoids

Description I:	Valtellinamed	Client:	GianTec Srl
Sample date:	-----	Sample ID:	82100475
Bloomday:	-----	Sample material:	oil
Description II:	20% CBG		
Further information:	Lotto Nr: 0803G2		

Abbr.	Cannabinoids Basic	Result	Unit
T-CBD	Total Cannabidiol (CBD + CBDA)	5,08	% (w/w)
CBD	Cannabidiol	5,08	% (w/w)
CBDA	Cannabidiolic acid	ND**	% (w/w)
T-THC	Total Tetrahydrocannabinol (THC + THCA)	0,14	% (w/w)
D9THC	D9-Tetrahydrocannabinol	0,14	% (w/w)
THCA	Tetrahydrocannabinolic acid	ND**	% (w/w)
D8THC	D8-Tetrahydrocannabinol	ND**	% (w/w)
T-CBG	Total Cannabigerol (CBG + CBGA)	20,26	% (w/w)
CBG	Cannabigerol	20,26	% (w/w)
CBGA	Cannabigerolic acid	ND**	% (w/w)
CBN	Cannabinol	ND**	% (w/w)
CBC	Cannabichromene	ND**	% (w/w)
CBDV	Cannabidivarin	0,03	% (w/w)
CBDVA	Cannabidivarinic Acid	ND**	% (w/w)
THCV	Tetrahydrocannabivarin	ND**	% (w/w)

Sample received: 18/04/2024 - 3,089 g



Head of Laboratory Services



Ing. Christian Fuczik, Chemist

Analysis reviewed - last changes: 22/04/2024 at 13:37

**Footnote:**

\*\*\*) ND =not detectable. The measured value was below the limit of detection of 0.01 % or 100 mg/kg.

The expected measurement uncertainty varies with substance and concentration and can be assumed to be a maximum of 10 %.

For the calculations of the equivalent sums, the respective acid forms were multiplied by the factor 0.877 or 0.878 to conclude the equivalent amount of the neutral form.

Method of analysis: HPLC-DAD (High Performance Liquid Chromatography - Diode Array Detector) according to Ph.Eur. 2.2.29 (European Pharmacopoeia)

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# Certificate of Analysis Terpenes

Description I: Valtellinamed  
Sample date: \_\_\_\_\_  
Bloomday: \_\_\_\_\_  
Description II: 20% CBG  
Further information: Lotto Nr: 0803G2

Client: GianTec Srl  
Sample ID: 82100475  
Sample material: oil

Class 1 Terpenes	
beta-Myrcene	*
alpha-Pinene	*
beta-Pinene	*
(+)-Limonene	*
Citronellol	*
Linalool	*
(+)-Cedrol	0,064
beta-Caryophyllene	*

Class 2 Terpenes	
Caryophyllene Oxide	*
alpha-Humulene	*
Eucalyptol	*
Terpinolene	*
cis-Ocimene	*
trans-Ocimene	*
(-)-Guaiol	0,057
(-)-alpha-Bisabolol	0,084

Class 3 Terpenes	
cis-Nerolidol	4,916
trans-Nerolidol	4,322
alpha-Cedrene	*
Fenchol	*
l-(-)-Fenchone	*
(+)-Pulegone	*
Geraniol	*
Geranylacetate	*

Class 4 Terpenes	
Isoborneol	*
alpha-Terpinene	*
gamma-Terpinene	*
Camphene	*
(-)-Camphor	*
para-Cymene	*
delta-3-Carene	0,498
(-)-Isopulegol	*

**Terpenes total 9,941 mg/g**

Sample received: 18/04/2024 - 3,089 g



Head of Laboratory Services



Ing. Christian Fuczik, Chemist  
Analysis reviewed - last changes: 23/04/2024 at 13:38

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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