

# Certificate of Analysis Cannabinoids

Description I: Valtellinamed Client: GianTec Srl  
Sample date: \_\_\_\_\_ Sample ID: 82100479  
Bloomday: \_\_\_\_\_ Sample material: oil  
Description II: 20% CBD  
Further information: Lotto Nr: 0903V2

Abbr.	Cannabinoids Basic	Result	Unit
<b>T-CBD</b>	<b>Total Cannabidiol (CBD + CBDA)</b>	<b>20,22</b>	<b>% (w/w)</b>
CBD	Cannabidiol	20,22	% (w/w)
CBDA	Cannabidiolic acid	ND**	% (w/w)
<b>T-THC</b>	<b>Total Tetrahydrocannabinol (THC + THCA)</b>	<b>0,12</b>	<b>% (w/w)</b>
D9THC	D9-Tetrahydrocannabinol	0,12	% (w/w)
THCA	Tetrahydrocannabinolic acid	ND**	% (w/w)
D8THC	D8-Tetrahydrocannabinol	ND**	% (w/w)
<b>T-CBG</b>	<b>Total Cannabigerol (CBG + CBGA)</b>	<b>0,21</b>	<b>% (w/w)</b>
CBG	Cannabigerol	0,21	% (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	0,01	% (w/w)
THCV	Tetrahydrocannabivarin	ND**	% (w/w)

Sample received: 18/04/2024 - 4,029 g



Head of Laboratory Services



Ing. Christian Fuczik, Chemist

Analysis reviewed - last changes: 22/04/2024 at 14:15

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% CBD  
Further information: Lotto Nr: 0903V2

Client: GianTec Srl  
Sample ID: 82100479  
Sample material: oil

Class 1 Terpenes	
beta-Myrcene	*
alpha-Pinene	*
beta-Pinene	*
(+)-Limonene	*
Citronellol	*
Linalool	*
(+)-Cedrol	0,077
beta-Caryophyllene	*

Class 2 Terpenes	
Caryophyllene Oxide	*
alpha-Humulene	*
Eucalyptol	*
Terpinolene	*
cis-Ocimene	*
trans-Ocimene	*
(-)-Guaiol	0,081
(-)-alpha-Bisabolol	8,599

Class 3 Terpenes	
cis-Nerolidol	0,883
trans-Nerolidol	0,716
alpha-Cedrene	*
Fenchol	*
l-(-)-Fenchone	*
(+)-Pulegone	*
Geraniol	*
Geranylacetate	*

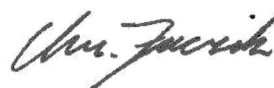
Class 4 Terpenes	
Isoborneol	*
alpha-Terpinene	*
gamma-Terpinene	*
Camphene	*
(-)-Camphor	*
para-Cymene	*
delta-3-Carene	*
(-)-Isopulegol	*

**Terpenes total 10,356 mg/g**

Sample received: 18/04/2024 - 4,029 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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