

Certificate of Analysis Cannabinoids

Description I:	Valtellinamed	Client:	GianTec Srl
Sample date:	_____	Sample ID:	82100477
Bloomday:	_____	Sample material:	oil
Description II:	5% CBG		
Further information:	Lotto Nr: 0803G1		

Abbr.	Cannabinoids Basic	Result	Unit
T-CBD	Total Cannabidiol (CBD + CBDA)	5,98	% (w/w)
CBD	Cannabidiol	5,98	% (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)	5,26	% (w/w)
CBG	Cannabigerol	5,26	% (w/w)
CBGA	Cannabigerolic acid	ND**	% (w/w)
CBN	Cannabinol	0,05	% (w/w)
CBC	Cannabichromene	0,17	% (w/w)
CBDV	Cannabidivarin	0,02	% (w/w)
CBDVA	Cannabidivarinic Acid	ND**	% (w/w)
THCV	Tetrahydrocannabivarin	ND**	% (w/w)

Sample received: 18/04/2024 - 3,465 g



Head of Laboratory Services



Ing. Christian Fuczik, Chemist

Analysis reviewed - last changes: 23/04/2024 at 14:53

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	Client:	GianTec Srl
Sample date:	_____	Sample ID:	82100477
Bloomday:	_____	Sample material:	oil
Description II:	5% CBG		
Further information:	Lotto Nr: 0803G1		

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	0,068
(-)-alpha-Bisabolol	0,080

Class 3 Terpenes

cis-Nerolidol	6,303
trans-Nerolidol	4,081
alpha-Cedrene	*
Fenchol	*
l-(-)-Fenchone	*
(+)-Pulegone	*
Geraniol	*
Geranylacetate	*

Class 4 Terpenes

Isoborneol	*
alpha-Terpinene	*
gamma-Terpinene	*
Camphene	*
(-)-Camphor	*
para-Cymene	*
delta-3-Carene	0,107
(-)-Isopulegol	*

Terpenes total 10,716 mg/g

Sample received: 18/04/2024 - 3,465 g



Head of Laboratory Services



Ing. Christian Fuczik, Chemist

Analysis reviewed - last changes: 23/04/2024 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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