

# Certificate of Analysis Cannabinoids

Reference:	20D010122	Client:	VitalHemp Swiss GmbH
Sample date:	01/01/2022	Sample ID:	65800264
Bloomday:	-----	Sample material:	oil
Description:	Fullspectrum oil		
Further information:	-----		

Abbr.	Substance	Result	unit
P-GEW	Sample weight	6,448	g
T-CBD	Total Cannabidiol (CBD + CBDA)	23,78	% (w/w)
CBD	Cannabidiol	22,32	% (w/w)
CBDA	Cannabidiolic acid	1,67	% (w/w)
T-THC	Total Tetrahydrocannabinol (THC + THCA)	0,15	% (w/w)
D9THC	D9-Tetrahydrocannabinol	0,15	% (w/w)
THCA	Tetrahydrocannabinolic acid	ND**	% (w/w)
D8THC	D8-Tetrahydrocannabinol	ND**	% (w/w)
T-CBG	Total Cannabigerol (CBG + CBGA)	0,13	% (w/w)
CBG	Cannabigerol	0,13	% (w/w)
CBGA	Cannabigerolic acid	ND**	% (w/w)
CBN	Cannabinol	ND**	% (w/w)
CBC	Cannabichromene	0,21	% (w/w)
THCV	Tetrahydrocannabivarin	ND**	% (w/w)
CBDV	Cannabidivarin	0,06	% (w/w)
CBDVA	Cannabidivarinic Acid	0,02	% (w/w)

Picture of the received sample on 12/01/2022



Head of Laboratory Services



Ing. Christian Fuczik, Chemist  
Analysis reviewed - last changes: 14/01/2022 at  
13:40

**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 5%.

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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