

# Certificate of Analysis Cannabinoids

Reference: -----  
Sample date: 21/09/2021  
Bloomday: -----  
Description: CBD 10% FS  
Further information: -----

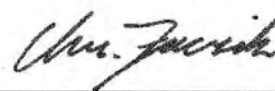
Client: **MAMAKA**  
Sample ID: **781930648356**  
Sample material: oil

Abbr.	Substance	Result	unit
P-GEW	Sample weight	2,854	g
T-CBD	Total Cannabidiol (CBD + CBDA)	10,86	% (w/w)
CBD	Cannabidiol	10,80	% (w/w)
CBDA	Cannabidiolic acid	0,07	% (w/w)
T-THC	Total Tetrahydrocannabinol (THC + THCA)	0,13	% (w/w)
D9THC	D9-Tetrahydrocannabinol	0,02	% (w/w)
THCA	Tetrahydrocannabinolic acid	ND**	% (w/w)
D8THC	D8-Tetrahydrocannabinol	0,11	% (w/w)
T-CBG	Total Cannabigerol (CBG + CBGA)	0,25	% (w/w)
CBG	Cannabigerol	0,25	% (w/w)
CBGA	Cannabigerolic acid	ND**	% (w/w)
CBN	Cannabinol	0,15	% (w/w)
CBC	Cannabichromene	0,08	% (w/w)
THCV	Tetrahydrocannabivarin	ND**	% (w/w)
CBDV	Cannabidivarin	0,04	% (w/w)
CBDVA	Cannabidivarinic Acid	ND**	% (w/w)

Picture of the received sample on 22/09/2021



Head of Laboratory Services



Ing. Christian Fuczik, Chemist  
Analysis finalized and reviewed: 24/09/2021 at  
12:16

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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