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IFHA
Institut für Hanfanalytik

Certificate of Analysis
Cannabinoids

Client: Plant of Life

Description: Solid
Sample ID: 17300066
Sample material: resin

Further Information: LOT: 041138
Sample entry: 2020-06-05 at 11:32

Abbr.	Substance	Result	Unit	M.U.*
Sa-We	Sample weight	1.582	g	-
T-CBD	Total Cannabidiol (CBD + CBDA)	5.96	w/w %	0.298
CBD	Cannabidiol	4.21	w/w %	0.211
CBDA	Cannabidiolic acid	2.00	w/w %	0.100
T-THC	Total Tetrahydrocannabinol (THC + THCA)	0.07	w/w %	0.005
D9THC	D9-Tetrahydrocannabinol	0.02	w/w %	0.005
THCA	Tetrahydrocannabinolic acid	0.06	w/w %	0.005
D8THC	D8-Tetrahydrocannabinol	ND**	w/w %	-
T-CBG	Total Cannabigerol (CBG + CBGA)	0.10	w/w %	0.005
CBG	Cannabigerol	0.06	w/w %	0.005
CBGA	Cannabigerolic acid	0.05	w/w %	0.005
CBN	Cannabinol	ND**	w/w %	-
CBC	Cannabichromene	ND**	w/w %	-
THCV	Tetrahydrocannabivarin	0.10	w/w %	0.005
CBDV	Cannabidivarin	0.88	w/w %	0.044
CBDVA	Cannabidivarinic Acid	ND**	w/w %	-

Picture of sample upon arrival:

Head of Laboratory Services:

Ing. Christian Fuczik, Chemist

Analysis finalized and reviewed:
2020-06-10 at 09:56

Footnotes:
*) The determined measurement uncertainty (M.U.) is always given in the same unit as the specified result.
**) ND = Not Detected. the measured value was below the detection limit of 0,01 % respectively 100 mg/kg.
For the calculations of the equivalence sums, the respective acid forms were multiplied by the factor of 0.877 and 0.878, respectively, to infer the equivalent amount of the neutral forms.
Method of Analysis: HPLC-DAD (High Performance Liquid Chromatography - Diode Array Detector). All measurement methods were calibrated and controlled with certified reference materials (CRM). The measurements with HPLC were carried out strictly according to the USA certified method of the HPLC manufacturer.
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