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Institut für Hanfanalytik

Certificate of Analysis
Cannabinoids

Description: Jack Herer Sample ID: 36100168
Sample material: herbal
Harvest date: 2021-01-28
Further Information: Indoor flowers
Sample entry: 2021-02-17 at 14:15 Master K

Abbr.	Substance	Result	Unit	M.U.*
Sa-We	Sample weight	4.778	g	-
T-CBD	Total Cannabidiol (CBD + CBDA)	3.81	w/w %	0.190
CBD	Cannabidiol	0.52	w/w %	0.026
CBDA	Cannabidiolic acid	3.75	w/w %	0.188
T-THC	Total Tetrahydrocannabinol (THC + THCA)	0.13	w/w %	0.005
D9THC	D9-Tetrahydrocannabinol	0.05	w/w %	0.005
THCA	Tetrahydrocannabinolic acid	0.09	w/w %	0.005
D8THC	D8-Tetrahydrocannabinol	ND**	w/w %	-
T-CBG	Total Cannabigerol (CBG + CBGA)	0.08	w/w %	0.005
CBG	Cannabigerol	0.02	w/w %	0.005
CBGA	Cannabigerolic acid	0.07	w/w %	0.005
CBN	Cannabinol	ND**	w/w %	-
CBC	Cannabichromene	0.05	w/w %	0.005
THCV	Tetrahydrocannabivarin	ND**	w/w %	-
CBDV	Cannabidivarin	ND**	w/w %	-
CBDVA	Cannabidivarinic Acid	0.01	w/w %	0.005

Picture of sample upon arrival:

Head of Laboratory Services:

Ing. Christian Fuczik, Chemist

Analysis finalized and reviewed:
2021-02-19 at 15:27

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.