

# Certificate of Analysis Cannabinoids

Reference ID: CUG-120

Client: Vitrasan GmbH

Description: Arthro Warm

Sample ID: 18300087

Sample material: cosmetics

Harvest date: 2020-03-27

Sample entry: 2020-04-14 at 11:52

Abbr.	Substance	Result	Unit	M.U.*
Sa-We	Sample weight	3.776	g	-
T-CBD	Total Cannabidiol (CBD + CBDA)	0.29	w/w %	0.022
CBD	Cannabidiol	0.29	w/w %	0.022
CBDA	Cannabidiolic acid	ND**	w/w %	-
T-THC	Total Tetrahydrocannabinol (THC + THCA)	ND**	w/w %	-
D9THC	D9-Tetrahydrocannabinol	ND**	w/w %	-
THCA	Tetrahydrocannabinolic acid	ND**	w/w %	-
D8THC	D8-Tetrahydrocannabinol	ND**	w/w %	-
T-CBG	Total Cannabigerol (CBG + CBGA)	ND**	w/w %	-
CBG	Cannabigerol	ND**	w/w %	-
CBGA	Cannabigerolic acid	ND**	w/w %	-
CBN	Cannabinol	ND**	w/w %	-
CBC	Cannabichromene	ND**	w/w %	-
THCV	Tetrahydrocannabivarin	ND**	w/w %	-
CBDV	Cannabidivarin	ND**	w/w %	-
CBDVA	Cannabidivarinic Acid	ND**	w/w %	-

Picture of sample upon arrival:



Head of Laboratory Services:



Ing. Christian Fuczik, Chemist

Analysis finalized and reviewed:  
2020-04-16 at 10:48

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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