

Certificate of Analysis Cannabinoids

Description I:	CB9	Client:	Royal Hemp EE
Sample date:	22/02/2024	Sample ID:	16000079
Bloomday:	-----	Sample material:	concentrate
Description II:	-----		
Further information:	-----		

Abbr.	Cannabinoids Advanced	Result	Unit
T-CBD	Total Cannabidiol (CBD + CBDA)	24,83	% (w/w)
CBD	Cannabidiol	24,83	% (w/w)
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	28,75	% (w/w)
CBNA	Cannabinolic Acid	ND**	% (w/w)
CBC	Cannabichromene	ND**	% (w/w)
CBCA	Cannabichromenic Acid	ND**	% (w/w)
CBDV	Cannabidivarin	0,05	% (w/w)
CBDVA	Cannabidivarinic Acid	ND**	% (w/w)
CBL	Cannabicyclol	ND**	% (w/w)
CBLA	Cannabicyclolic Acid	ND**	% (w/w)
THCV	Tetrahydrocannabivarin	ND**	% (w/w)
THCVA	Tetrahydrocannabivarinic Acid	ND**	% (w/w)
9R-HHC	9R-Hexahydrocannabinol	ND**	% (w/w)
9S-HHC	9S-Hexahydrocannabinol	ND**	% (w/w)
HHCP	Hexahydrocannabiphorol*	ND**	% (w/w)
H4CBD	Tetrahydrocannabinol*	NQ**	% (w/w)

Sample received: 26/02/2024 - 4,851 g



Comment: NQ**= 1R-H4CBD not quantified, Interfering substance found.

1S-H4CBD: 10,44%.

Head of Laboratory Services



Ing. Christian Fuczik, Chemist

Analysis reviewed - last changes: 28/02/2024 at 12:59

Footnote:

*) Stereoisomeres results on request. **) 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 10 %.

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.

Analytical methods: HPLC-DAD, GC-FID and GC mass spectrometry (European Pharmacopoeia: 2.2.28, 2.2.29 and 2.2.43).

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