

Brightlabs BV St. Jansweg 20, 5928 RC Venlo, The Netherlands Tel.: 077-7703374 info@brightlabs.nl		Report number: CoA-	2020-4163A
		Report date:	15 April 2020
<h2>Analytical report</h2>			

Client:	Candropharm BV	Contact:	Pieter van Vlerken
Address:	Schootense Dreef 25	City:	Helmond

Product name:	CBD kristal		
Date of sampling:	unknown	Identification sample: (client)	5133
Date of receipt sample:	25 March 2020	Identification sample: (Brightlabs)	BL- 2020-4163
Date start of analysis:	27 March 2020	Method:	See below

Cannabinoids			
Analytical method: HPLC-UV			
Compound	Results	Unit	Specification
CBDV	0.12	% (w/w)	Informative
CBDA	<LOQ	% (w/w)	Informative
CBGA	<LOQ	% (w/w)	Informative
CBG	<LOQ	% (w/w)	Informative
CBD	98.80	% (w/w)	Informative
THCV	<LOQ	% (w/w)	Informative
CBN	<LOQ	% (w/w)	Informative
DELTA9-THC	0.01	% (w/w)	Informative
DELTA8-THC	<LOQ	% (w/w)	Informative
CBC	<LOQ	% (w/w)	Informative
THCA	<LOQ	% (w/w)	Informative

Limit of Quantification (LOQ): 0.005 % w/w

Pesticides					
Analytical method	Code method	Component*	Concentration	Unit	Specification
GC-MS/MS Multiresidue method for pesticides		No pesticide detected above the reporting limit	-	mg/kg	Informative
LC-MS/MS Multiresidue method for pesticides		No pesticide detected above the reporting limit	-	mg/kg	Informative

*See Brightlabs pesticides analysis package:

<http://www.brightlabs.nl/foodfeedagro/docs/lijt-v7.pdf>

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Elemental impurities Klasse 1, 2a and 3 (ICHQ3D)

Analytical method: ICP-MS

Element	Results	Unit	Specification
Lead (Pb)	<0.125	mg/kg	Informative
Mercury (Hg)	<0.75	mg/kg	Informative
Cadmium (Cd)	<0.125	mg/kg	Informative
Arsenic (As)	<0.375	mg/kg	Informative
Nickel (Ni)	<5	mg/kg	Informative
Vanadium (V)	<2.5	mg/kg	Informative
Cobalt (Co)	<1.25	mg/kg	Informative
Barium (Ba)	<35	mg/kg	Informative
Chrome (Cr)	<275	mg/kg	Informative
Copper (Cu)	<75	mg/kg	Informative
Lithium (Li)	<13.75	mg/kg	Informative
Molybdenum (Mo)	<75	mg/kg	Informative
Antimony (Sb)	<30	mg/kg	Informative
Tin (Sn)	<150	mg/kg	Informative

Microbiology

Test	Results	Specification
TAMC (total aerobic Microbial Count)	10 cfu / gram	<10 cfu ¹ / gram
TYMC (Total Yeast and Moulds Count)	<10 cfu / gram	<10 cfu / gram
<i>Bile tolerant gram negative bacteria</i>	Absent / gram	Absent / gram
<i>E.coli</i>	Absent / gram	Absent / gram
<i>S.aureus</i>	Absent / gram	Absent / gram
<i>P.aeruginosa</i>	Absent / gram	Absent / gram
<i>Salmonella spp</i>	Absent / gram	Absent / gram

¹ colony forming unit

Remarks:

CoA-2020-4163A replaces CoA-2020-4163.

Nina Firl
Project leader