

**Brightlabs BV**

St. Jansweg 20, 5928 RC Venlo, The Netherlands

Tel.: 077-7703374

[info@brightlabs.nl](mailto:info@brightlabs.nl)

Report number: CoA- 2020-4161A

Report date: 15 April 2020

**Analytical report**

<b>Client:</b>	Candropharm BV	<b>Contact:</b>	Pieter van Vlerken
<b>Address:</b>	Schootense Dreef 25	<b>City:</b>	Helmond

<b>Product name:</b>	CBD kristal		
<b>Date of sampling:</b>	unknown	<b>Identification sample:</b> (client)	5131
<b>Date of receipt sample:</b>	25 March 2020	<b>Identification sample:</b> (Brightlabs)	BL- 2020-4161
<b>Date start of analysis:</b>	27 March 2020	<b>Method:</b>	See below

**Cannabinoids****Analytical method: HPLC-UV AM0062 V2**

Compound	Results	Unit	Specification
CBDV	0.47	% (w/w)	Informative
CBDA	<LOQ	% (w/w)	Informative
CBGA	<LOQ	% (w/w)	Informative
CBG	<LOQ	% (w/w)	Informative
CBD	99.10	% (w/w)	Informative
THCV	<LOQ	% (w/w)	Informative
CBN	<LOQ	% (w/w)	Informative
DELTA9-THC	0.02	% (w/w)	Informative
DELTA8-THC	<LOQ	% (w/w)	Informative
CBC	0.02	% (w/w)	Informative
THCA	<LOQ	% (w/w)	Informative

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

**Pesticides**

Analytical 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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**Analytical report****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 <sup>1</sup> / 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

<sup>1</sup> colony forming unit**Remarks:**

CoA-2020-4161A replaces CoA-2020-4161.

Nina Firl  
Project leader