

Brightlabs BV St. Jansweg 20, 5928 RC Venlo, The Netherlands Tel.: 077-7703374 info@brightlabs.nl		Report number: CoA-	2020-2452A
		Report date:	25 March 2020
<h2>Analytical report</h2>			

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

Product name:	CBG Isolate		
Date of sampling:	17 February 2020	Identification sample: (client)	5124
Date of receipt sample:	18 February 2020	Identification sample: (Brightlabs)	BL- 2020-2452
Date start of analysis:	19 February 2020	Method:	AM0062 V2, AM0029A V1

Analytical method: HPLC-UV			
Compound	Results	Unit	Specification
CBDV	0.10	% (w/w)	Informative
CBDA	<LOQ	% (w/w)	Informative
CBGA	<LOQ	% (w/w)	Informative
CBG	98.39	% (w/w)	Informative
CBD	<LOQ	% (w/w)	Informative
THCV	<LOQ	% (w/w)	Informative
CBN	<LOQ	% (w/w)	Informative
DELTA9-THC	<LOQ	% (w/w)	Informative
DELTA8-THC	<LOQ	% (w/w)	Informative
CBC	0.01	% (w/w)	Informative
THCA	0.01	% (w/w)	Informative

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

Analytical method	Code method	Component*	Concentration	Unit	Specification
GC-MS/MS Multiresidue method for pesticides	AM0020	Tetramethrin	0.76	mg/kg	Informative
LC-MS/MS Multiresidue method for pesticides	AM0021	No pesticide detected above the reporting limit	-	mg/kg	Informative

*See Brightlabs pesticides analysis package:

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

Analytical report

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

Analytical method: HS-GC-FID

Solvent	Result	Unit	Specification
n-Pentane	124	mg/kg	Informative
n-Hexane	< 1	mg/kg	Informative
n-Heptane	5.2	mg/kg	Informative
Acetone	110	mg/kg	Informative
Benzene	< 2	mg/kg	Informative
Isopropyl alcohol	< 10	mg/kg	Informative
Ethanol	< 35	mg/kg	Informative

Microbiology

Test	Results	Specification
TAMC (total aerobic Microbial Count)	<10 cfu ¹ / gram	<10 cfu / 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

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Analytical report**Remarks:**

CoA BL-2020-2452A replaces CoA-2020-2452.

A handwritten signature in blue ink, appearing to read "N. Firl".

Nina Firl
Project leader