CannaBusiness Laboratories, LLC

2554 Palumbo Dr. Lexington, KY 40509

Customer: Ripple Organics
6255 Carrollton Ave Suite 30798
Indianapolis, IN 46220

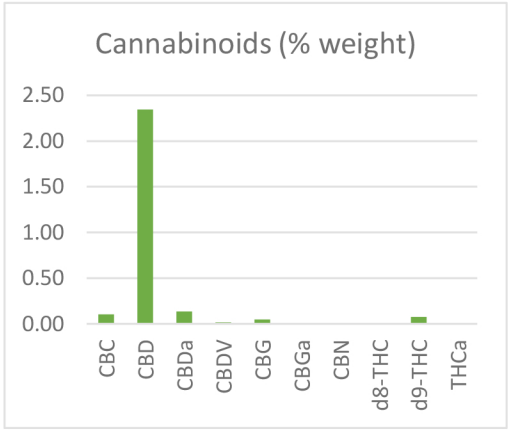
Sample Num:
Order Num:
Sample Name: Pet CBD Oil - 600mg

External Sample ID:
Collected Date:
Batch Number:
Received Date: 03/02/2020
Product Type:
COA Released: 03/05/2020
Sample Type: Other

Comments:

CANNABINOID PROFILE

Analyte	LOQ (%)	% weight	(mg/g)
CBC	0.01	0.10	1.03
CBD	0.01	2.34	23.44
CBDa	0.01	0.14	1.37
CBDV	0.01	0.02	0.15
CBG	0.01	0.05	0.49
CBGa	0.01	ND	ND
CBN	0.01	ND	ND
d8-THC	0.01	ND	ND
d9-THC	0.01	0.08	0.76
THCa	0.01	ND	ND
Total Cannabinoids		***2.72*** *%*	***27.24*** *mg/g*
Total Potential THC		***0.08*** *%*	***0.76*** *mg/g*
Total Potential CBD		***2.46*** *%*	***24.64*** *mg/g*



**Total Cannabinoids refers to the sum of all cannabinoids detected.*

**Total Potential CBD = (0.877 x CBDa) + CBD. *Total Potential THC = (0.877 x THCa) + THC. *Total Potential CBG = (0.878 x CBGa) + CBG.*

**Total Potential THC/CBD are calculated to take into account the loss of an acid group during decarboxylation.*

3/5/2020

APPROVED BY DATE

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Genetic Variety:
Sample Type: Other
Batch ID:
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Received Date: 03/02/2020
COA Released: 03/05/2020

PESTICIDES

ANALYTE	LOQ ppm	Result ppm	ANALYTE	LOQ ppm	Result ppm	ANALYTE	LOQ ppm	Result ppm
Daminozide	0.050	ND	Chlorantraniliprole	0.050	ND	Clofentezine	0.050	ND
Acephate	0.050	ND	Spiroxamine-1	0.050	ND	Trifloxystrobin	0.050	ND
Oxamyl	0.050	ND	Azoxystrobin	0.050	ND	Prallethrin	0.050	ND
Methomyl	0.050	ND	Phosmet	0.050	ND	Piperonyl Butoxide	0.050	ND
Thiamethoxam	0.050	ND	Methiocarb	0.050	ND	Chlorpyrifos	0.050	ND
Imidacloprid	0.050	ND	Malathion	0.050	ND	Hexythiazox	0.050	ND
Dimethoate	0.050	ND	Myclobutanil	0.050	ND	Etoxazole	0.050	ND
Acetamiprid	0.050	ND	Paclobutrazol	0.050	ND	Spiromesifen	0.050	ND
Thiacloprid	0.050	ND	Bifenazate	0.050	ND	Pyrethrin I	0.050	ND
Aldicarb	0.050	ND	Spirotetramat	0.050	ND	Fenpyroximate	0.050	ND
Dichlorvos	0.050	ND	Fenoxycarb	0.050	ND	Pyridaben	0.050	ND
Carbofuran	0.050	ND	Ethoprophos	0.050	ND	Permethrins	0.050	ND
Propoxur	0.050	ND	Tebuconazole	0.050	ND	AbamectinB1a	0.050	ND
Carbaryl	0.050	ND	Kresoxym-methyl	0.050	ND	Etofenprox	0.050	ND
Imazalil	0.050	ND	Spinosyn A	0.050	ND	Bifenthrin	0.050	ND
Naled	0.050	ND	Diazinon	0.050	ND	Flonicamid	0.050	ND
Metalaxyl	0.050	ND	Propiconazole	0.050	ND	Fludioxonil	0.050	ND

ND *- Analyte is less than the limit of detection*

<LOQ *- Analyte is above the limit of detection but less than the limit of quantification*

Shelby Grinnan

APPROVED BY

3/5/2020

DATE

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Collected Date:
Received Date: 03/02/2020
COA Released: 03/03/2020

HEAVY METALS

Analyte	LOQ	Result	Units
Arsenic	0.5	<LOQ	ppm
Cadmium	0.5	<LOQ	ppm
Lead	0.5	<LOQ	ppm
Mercury	3.0	<LOQ	ppm

Shelby Grinnan 3/3/2020

APPROVED BY DATE

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Collected Date:
Received Date: 03/02/2020
COA Released: 03/04/2020

Terpenes

ANALYTE	LOQ wt%	Result wt%
alpha-Pinene	0.01	<LOQ
Camphene	0.01	<LOQ
beta-Myrcene	0.01	<LOQ
beta-Pinene	0.01	<LOQ
delta-3-carene	0.01	<LOQ
alpha-Terpinene	0.01	<LOQ
trans-beta-Ocimene	0.01	<LOQ
d-Limonene	0.01	<LOQ
p-Isopropyltoluene (p-Cymene)	0.01	<LOQ
Ocimene (mixture of isomers)	0.01	<LOQ
Eucalyptol	0.01	<LOQ
gamma-Terpinene	0.01	<LOQ
Terpinolene	0.01	<LOQ
Linalool	0.01	<LOQ
Isopulegol	0.01	<LOQ
Geraniol	0.01	<LOQ
beta-Caryophyllene	0.01	<LOQ
alpha-Humulene	0.01	<LOQ
cis-Nerolidol	0.01	<LOQ
trans-Nerolidol	0.01	<LOQ
Guaiol	0.01	<LOQ
alpha-Bisabolol	0.01	<LOQ

Shelby Drinnon

APPROVED BY

3/4/2020

DATE

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6255 Carrollton Ave Suite 30798
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Sample Type: Other
Batch ID:
Collected Date:
Received Date 3/2/2020
COA Released: 3/9/2020

MICROBIALS

Parameter	Result
STEC (E. coli)	Negative
Salmonella	Negative
Listeria spp.	Negative
L. monocytogenes	Negative
Yeast/Mold	0 CFU*

*CFU = Colony Forming Unit(s) per gram

WATER ACTIVITY

Temperature	Result
25.00	0.3

MOISTURE

Moisture %	5.88%

Brittany Paul

3/9/2020

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COA Released: 03/05/2020

MYCOTOXINS

ANALYTE	LOQ ppm	Result ppm
Aflatoxin-G2	0.010	ND
Aflatoxin-G1	0.010	ND
Aflatoxin-B2	0.010	ND
Aflatoxin-B1	0.010	ND
Ochratoxin-A	0.010	ND

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3/5/2020

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