

**botanacor**

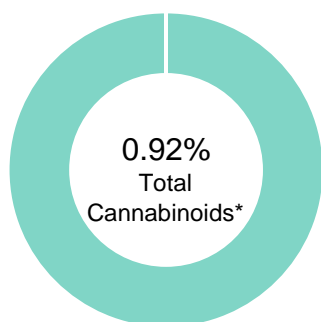
CERTIFICATE OF ANALYSIS

prepared for: DIREWOLF CBD
865 LANSING ST
AURORA, CO 80010

ALASKAN SALMON OIL 250MG

Batch ID:	112	Test ID:	2940839.0042
Reported:	12-Jul-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



CBD	0.92%
CBDa	0.00%
delta 9 THC	0.00%
THCa	0.00%

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.00	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.00	0.00	0.0
Cannabidiolic acid (CBDA)	0.00	0.00	0.0
Cannabidiol (CBD)	0.00	0.92	9.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.00	0.00	0.0
Cannabinolic Acid (CBNA)	0.00	0.00	0.0
Cannabinol (CBN)	0.00	0.00	0.0
Cannabigerolic acid (CBGA)	0.00	0.00	0.0
Cannabigerol (CBG)	0.00	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.00	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.00	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.00	0.00	0.0
Cannabidivarin (CBDV)	0.00	0.00	0.0
Cannabichromenic Acid (CBCA)	0.00	0.00	0.0
Cannabichromene (CBC)	0.00	0.00	0.0
Total Cannabinoids		0.92	9.20
Total Potential THC**		0.00	0.00
Total Potential CBD**		0.92	9.20

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

NOTES:

N/A

FINAL APPROVAL


Alex Smith
12-Jul-2019
11:04 AM

PREPARED BY / DATE


David Green
12-Jul-2019
12:51 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

**botanacor**

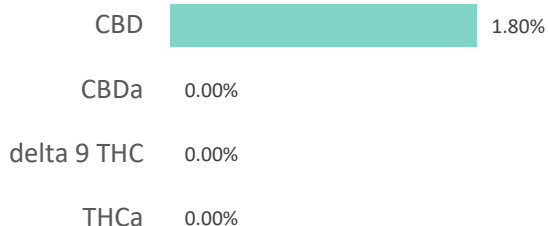
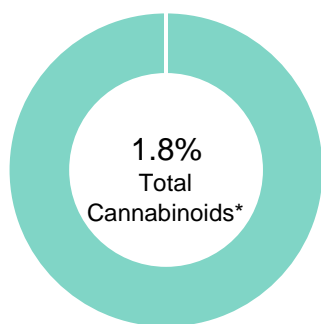
CERTIFICATE OF ANALYSIS

prepared for: DIREWOLF CBD
865 LANSING ST
AURORA, CO 80010

ALASKAN SALMON OIL 500MG

Batch ID:	112	Test ID:	2940839.0043
Reported:	12-Jul-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.00	0.00	0.0
Cannabidiolic acid (CBDA)	0.01	0.00	0.0
Cannabidiol (CBD)	0.00	1.80	18.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.00	0.00	0.0
Cannabinolic Acid (CBNA)	0.01	0.00	0.0
Cannabinol (CBN)	0.00	0.00	0.0
Cannabigerolic acid (CBGA)	0.00	0.00	0.0
Cannabigerol (CBG)	0.00	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.00	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.00	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.01	0.00	0.0
Cannabidivarin (CBDV)	0.00	0.00	0.0
Cannabichromenic Acid (CBCA)	0.00	0.00	0.0
Cannabichromene (CBC)	0.00	0.00	0.0
Total Cannabinoids		1.80	18.00
Total Potential THC**		0.00	0.00
Total Potential CBD**		1.80	18.00

NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

FINAL APPROVAL

Alex Smith
12-Jul-2019
11:04 AM

PREPARED BY / DATE

David Green
12-Jul-2019
12:51 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

**botanacor**

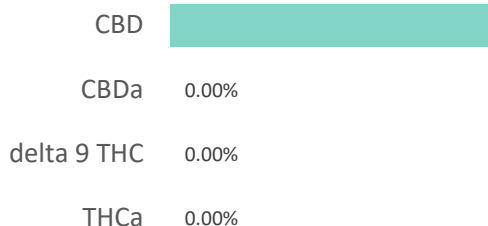
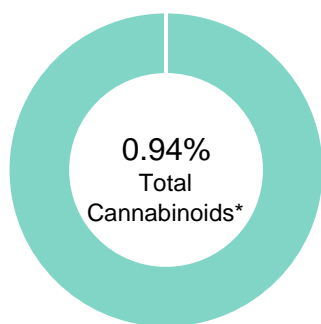
CERTIFICATE OF ANALYSIS

prepared for: DIREWOLF CBD
865 LANSING ST
AURORA, CO 80010

Isolate Oil - 250

Batch ID:	111	Test ID:	9157728.0085
Reported:	5-Jun-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.06	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.03	0.00	0.0
Cannabidiolic acid (CBDA)	0.06	0.00	0.0
Cannabidiol (CBD)	0.03	0.94	9.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.03	0.00	0.0
Cannabinolic Acid (CBNA)	0.09	0.00	0.0
Cannabinol (CBN)	0.04	0.00	0.0
Cannabigerolic acid (CBGA)	0.05	0.00	0.0
Cannabigerol (CBG)	0.03	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.05	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.03	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.05	0.00	0.0
Cannabidivarin (CBDV)	0.03	0.00	0.0
Cannabichromenic Acid (CBCA)	0.05	0.00	0.0
Cannabichromene (CBC)	0.06	0.00	0.0
Total Cannabinoids		0.94	9.40
Total Potential THC**		0.00	0.00
Total Potential CBD**		0.94	9.40

NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

FINAL APPROVAL

Daniel Weidensaul
5-Jun-2019
4:50 PM

PREPARED BY / DATE

David Green
5-Jun-2019
5:04 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

**botanacor**

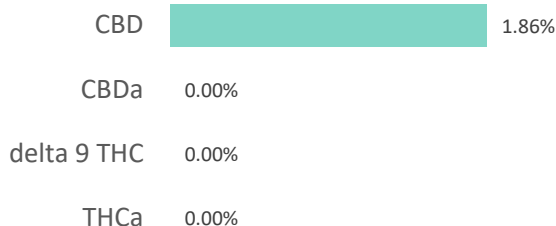
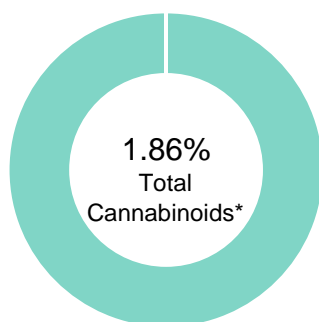
CERTIFICATE OF ANALYSIS

prepared for: DIREWOLF CBD
865 LANSING ST
AURORA, CO 80010

Isolate Oil - 500

Batch ID:	111	Test ID:	9157728.0084
Reported:	5-Jun-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.06	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.03	0.00	0.0
Cannabidiolic acid (CBDA)	0.06	0.00	0.0
Cannabidiol (CBD)	0.03	1.86	18.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.04	0.00	0.0
Cannabinolic Acid (CBNA)	0.09	0.00	0.0
Cannabinol (CBN)	0.04	0.00	0.0
Cannabigerolic acid (CBGA)	0.06	0.00	0.0
Cannabigerol (CBG)	0.03	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.06	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.03	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.05	0.00	0.0
Cannabidivarin (CBDV)	0.03	0.00	0.0
Cannabichromenic Acid (CBCA)	0.05	0.00	0.0
Cannabichromene (CBC)	0.06	0.00	0.0
Total Cannabinoids		1.86	18.60
Total Potential THC**		0.00	0.00
Total Potential CBD**		1.86	18.60

NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

FINAL APPROVAL

Daniel Weidensaul
5-Jun-2019
4:50 PM

PREPARED BY / DATE

David Green
5-Jun-2019
5:04 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

**botanacor**

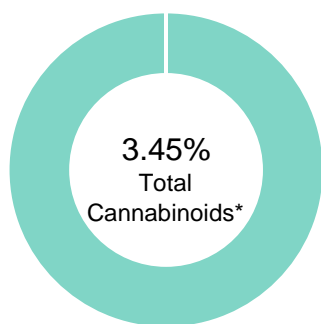
CERTIFICATE OF ANALYSIS

prepared for: DIREWOLF CBD
865 LANSING ST
AURORA, CO 80010

Isolate Oil - 1000

Batch ID:	111	Test ID:	9157728.0083
Reported:	5-Jun-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



CBD	3.45%
CBDa	0.00%
delta 9 THC	0.00%
THCa	0.00%

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.06	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.03	0.00	0.0
Cannabidiolic acid (CBDA)	0.06	0.00	0.0
Cannabidiol (CBD)	0.03	3.45	34.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.03	0.00	0.0
Cannabinolic Acid (CBNA)	0.09	0.00	0.0
Cannabinol (CBN)	0.04	0.00	0.0
Cannabigerolic acid (CBGA)	0.05	0.00	0.0
Cannabigerol (CBG)	0.03	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.05	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.03	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.05	0.00	0.0
Cannabidivarin (CBDV)	0.03	0.00	0.0
Cannabichromenic Acid (CBCA)	0.05	0.00	0.0
Cannabichromene (CBC)	0.06	0.00	0.0
Total Cannabinoids		3.45	34.50
Total Potential THC**		0.00	0.00
Total Potential CBD**		3.45	34.50

NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

FINAL APPROVAL

Daniel Weidensaul
5-Jun-2019
4:50 PM

PREPARED BY / DATE

David Green
5-Jun-2019
5:04 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

**botanacor**

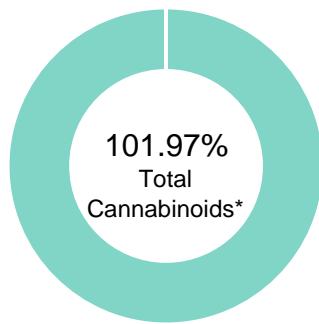
CERTIFICATE OF ANALYSIS

prepared for: DIREWOLF CBD
865 LANSING ST
AURORA, CO 80010

ISOLATE

Batch ID:	112	Test ID:	2940839.0044
Reported:	12-Jul-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



CBD	101.74%
CBDa	0.00%
delta 9 THC	0.00%
THCa	0.00%

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.18	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.09	0.00	0.0
Cannabidiolic acid (CBDA)	0.27	0.00	0.0
Cannabidiol (CBD)	0.15	101.74	1017.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.10	0.00	0.0
Cannabinolic Acid (CBNA)	0.25	0.00	0.0
Cannabinol (CBN)	0.11	0.00	0.0
Cannabigerolic acid (CBGA)	0.16	0.00	0.0
Cannabigerol (CBG)	0.09	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.15	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.08	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.25	0.00	0.0
Cannabidivarin (CBDV)	0.14	0.23	2.3
Cannabichromenic Acid (CBCA)	0.13	0.00	0.0
Cannabichromene (CBC)	0.16	0.00	0.0
Total Cannabinoids		101.97	1019.70
Total Potential THC**		0.00	0.00
Total Potential CBD**		101.74	1017.40

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

NOTES:

N/A

FINAL APPROVAL

Alex Smith
Alex Smith
12-Jul-2019
11:04 AM

PREPARED BY / DATE

David Green
David Green
12-Jul-2019
12:51 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

**botanacor**

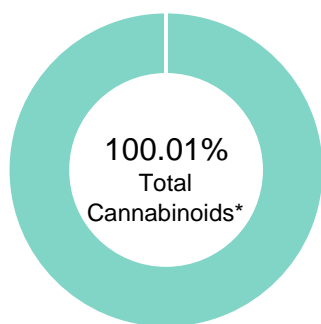
CERTIFICATE OF ANALYSIS

prepared for: DIREWOLF HOLISTIC
865 LANSING ST
AURORA, CO 80010

Isolate (1gram)

Batch ID:	113	Test ID:	3121015.0042
Reported:	23-Aug-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



CBD	100.01%
CBDa	0.00%
delta 9 THC	0.00%
THCa	0.00%

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.28	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	0.00	0.0
Cannabidiolic acid (CBDA)	0.33	0.00	0.0
Cannabidiol (CBD)	0.18	100.01	1000.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.15	0.00	0.0
Cannabinolic Acid (CBNA)	0.39	0.00	0.0
Cannabinol (CBN)	0.17	0.00	0.0
Cannabigerolic acid (CBGA)	0.25	0.00	0.0
Cannabigerol (CBG)	0.14	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.24	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.13	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.31	0.00	0.0
Cannabidivarin (CBDV)	0.17	0.00	0.0
Cannabichromenic Acid (CBCA)	0.21	0.00	0.0
Cannabichromene (CBC)	0.25	0.00	0.0
Total Cannabinoids		100.01	1000.10
Total Potential THC**		0.00	0.00
Total Potential CBD**		100.01	1000.10

NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

FINAL APPROVAL

Alex Smith
23-Aug-2019
1:33 PM

PREPARED BY / DATE

David Green
23-Aug-2019
1:38 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02



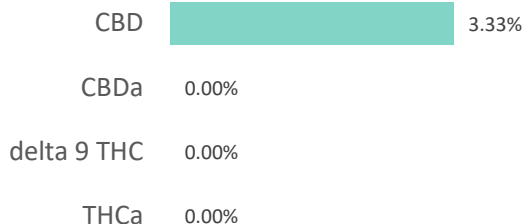
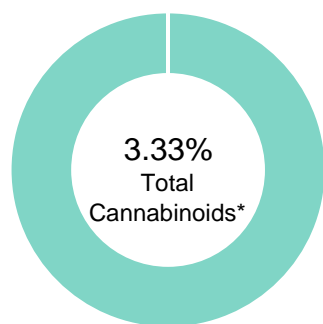
CERTIFICATE OF ANALYSIS

prepared for: DIREWOLF HOLISTIC
865 LANSING ST
AURORA, CO 80010

MCT Oil (1000mg)

Batch ID:	113	Test ID:	3121015.0041
Reported:	23-Aug-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.07	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.03	0.00	0.0
Cannabidiolic acid (CBDA)	0.08	0.00	0.0
Cannabidiol (CBD)	0.04	3.33	33.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.04	0.00	0.0
Cannabinolic Acid (CBNA)	0.09	0.00	0.0
Cannabinol (CBN)	0.04	0.00	0.0
Cannabigerolic acid (CBGA)	0.06	0.00	0.0
Cannabigerol (CBG)	0.03	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.06	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.03	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.07	0.00	0.0
Cannabidivarin (CBDV)	0.04	0.00	0.0
Cannabichromenic Acid (CBCA)	0.05	0.00	0.0
Cannabichromene (CBC)	0.06	0.00	0.0
Total Cannabinoids		3.33	33.30
Total Potential THC**		0.00	0.00
Total Potential CBD**		3.33	33.30

NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

FINAL APPROVAL

Alex Smith
23-Aug-2019
1:33 PM
PREPARED BY / DATE

David Green
23-Aug-2019
1:38 PM
APPROVED BY / DATE

DocuSigned by:

4158C9838532434...

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02