

Prepared for:
PETDINE LLC

4700 INNOVATION DR. B-3
FORT COLLINS, CO USA 80525


6223 Green Gruff SOOTHE Black


Batch ID or Lot Number: 20230065-1 105	Test: Potency	Reported: 16Jan2023	USDA License: N/A
Matrix: Unit	Test ID: T000232622	Started: 13Jan2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 12Jan2023	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.029	0.105	<LOQ	<LOQ	# of Servings = 1, Sample Weight=1.982g
Cannabichromenic Acid (CBCA)	0.027	0.096	ND	ND	
Cannabidiol (CBD)	0.097	0.329	2.730	1.40	
Cannabidiolic Acid (CBDA)	0.100	0.338	ND	ND	
Cannabidivarin (CBDV)	0.023	0.078	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.042	0.141	ND	ND	
Cannabigerol (CBG)	0.017	0.060	ND	ND	
Cannabigerolic Acid (CBGA)	0.070	0.250	ND	ND	
Cannabinol (CBN)	0.022	0.078	ND	ND	
Cannabinolic Acid (CBNA)	0.047	0.170	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.083	0.297	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.075	0.270	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.067	0.239	ND	ND	
Tetrahydrocannabivarin (THCV)	0.015	0.054	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.059	0.211	ND	ND	
Total Cannabinoids			2.730	1.40	
Total Potential THC			ND	ND	
Total Potential CBD			2.730	1.40	

Final Approval


PREPARED BY / DATE
Sam Smith
16Jan2023
03:02:00 PM MST


APPROVED BY / DATE
Karen Winternheimer
16Jan2023
03:06:00 PM MST



<https://results.botanacor.com/api/v1/coas/uuid/e230e41a-73a9-4913-ab7c-ac70f835fbb6>

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02
e230e41a73a94913ab7cac70f835fbb6.1

Prepared for:
PETDINE LLC

4700 INNOVATION DR. B-3
FORT COLLINS, CO USA 80525


4531570 Green Gruff SOOTHE Black


Batch ID or Lot Number: 20223335-1 377 (Beg,Mid,End composite sample)	Test: Potency	Reported: 15Dec2022	USDA License: N/A
Matrix: Unit	Test ID: T000230446	Started: 14Dec2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 13Dec2022	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.032	0.113	<LOQ	<LOQ	# of Servings = , Sample Weight=1.965g
Cannabichromenic Acid (CBCA)	0.029	0.103	ND	ND	
Cannabidiol (CBD)	0.102	0.309	2.850	1.50	
Cannabidiolic Acid (CBDA)	0.105	0.317	ND	ND	
Cannabidivarin (CBDV)	0.024	0.073	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.044	0.132	ND	ND	
Cannabigerol (CBG)	0.018	0.064	ND	ND	
Cannabigerolic Acid (CBGA)	0.075	0.269	ND	ND	
Cannabinol (CBN)	0.024	0.084	ND	ND	
Cannabinolic Acid (CBNA)	0.051	0.183	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.090	0.320	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.082	0.291	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.072	0.257	ND	ND	
Tetrahydrocannabivarin (THCV)	0.016	0.058	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.064	0.227	ND	ND	
Total Cannabinoids			2.850	1.50	
Total Potential THC			ND	ND	
Total Potential CBD			2.850	1.50	

Final Approval


PREPARED BY / DATE
Sam Smith
15Dec2022
12:39:00 PM MST


APPROVED BY / DATE
Karen Winternheimer
15Dec2022
12:43:00 PM MST



<https://results.botanacor.com/api/v1/coas/uuid/fdad7d1e-7396-4459-8f76-08959913fc3e>

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.

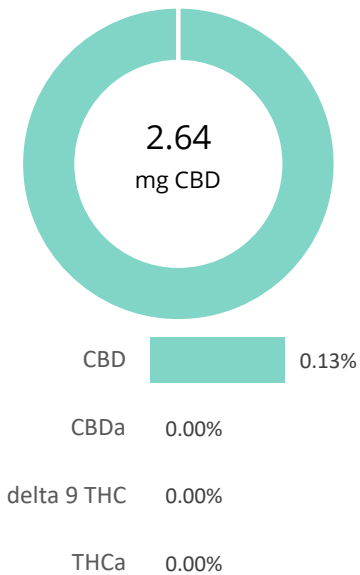


Cert #4329.02
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4784 Green Gruff Soothe Black-766

Batch ID:	20220211	Test ID:	T000188345
Type:	Unit	Submitted:	01/20/2022 @ 10:46 AM
Test:	Potency	Started:	1/21/2022
Method:	TM14 (HPLC-DAD)	Reported:	1/21/2022

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.07	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.08	ND	ND
Cannabidiolic acid (CBDA)	0.09	ND	ND
Cannabidiol (CBD)	0.09	2.64	1.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.09	ND	ND
Cannabinolic Acid (CBNA)	0.05	ND	ND
Cannabinol (CBN)	0.02	ND	ND
Cannabigerolic acid (CBGA)	0.08	ND	ND
Cannabigerol (CBG)	0.02	0.08	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.07	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.04	ND	ND
Cannabidivarin (CBDV)	0.02	ND	ND
Cannabichromenic Acid (CBCA)	0.03	ND	ND
Cannabichromene (CBC)	0.03	ND	ND
Total Cannabinoids		2.72	1.3
Total Potential THC**		ND	ND
Total Potential CBD**		2.64	1.3

% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

ND = None Detected (Defined by Dynamic Range of the method)

NOTES:

of Servings = 1, Sample Weight=2.061g

FINAL APPROVAL

 Sam Smith 21-Jan-2022 2:01 PM	 Jacob Miller 21-Jan-2022 2:05 PM
PREPARED BY / DATE	APPROVED BY / DATE

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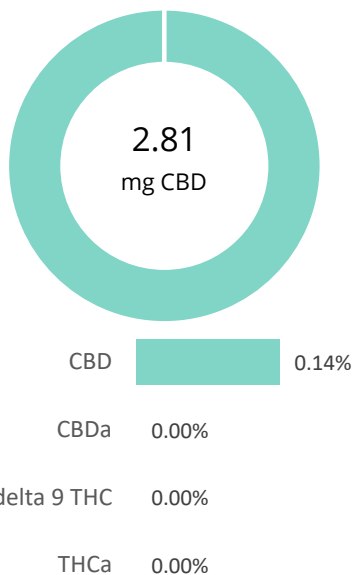


Certificate #4329.02

4767 Green Gruff Soothe Salmon #428

Batch ID:	20211661	Test ID:	T000146979
Type:	Unit	Submitted:	06/18/2021 @ 10:14 AM
Test:	Potency	Started:	6/18/2021
Method:	TM14	Reported:	6/21/2021

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.10	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.11	ND	ND
Cannabidiolic acid (CBDA)	0.09	ND	ND
Cannabidiol (CBD)	0.08	2.81	1.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.12	ND	ND
Cannabinolic Acid (CBNA)	0.07	ND	ND
Cannabinol (CBN)	0.03	ND	ND
Cannabigerolic acid (CBGA)	0.10	ND	ND
Cannabigerol (CBG)	0.02	0.08	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.08	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.04	ND	ND
Cannabidivarin (CBDV)	0.02	ND	ND
Cannabichromenic Acid (CBCA)	0.04	ND	ND
Cannabichromene (CBC)	0.04	ND	ND
Total Cannabinoids		2.89	1.4
Total Potential THC**		ND	ND
Total Potential CBD**		2.81	1.4

% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * 0.877)$$


$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * 0.877)$$

ND = None Detected (Defined by Dynamic Range of the method)

NOTES:


of Servings = 1, Sample Weight=2.059g

FINAL APPROVAL



Taylor Brevik
21-Jun-2021
3:19 PM

PREPARED BY / DATE



Rvan Weems
21-Jun-2021
3:21 PM

APPROVED BY / DATE

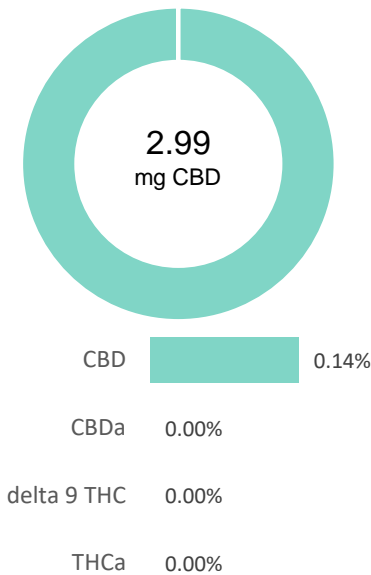
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Certificate #4329.02

Green Gruff SOOTHE Skin & Coat

Batch ID:	20210894-4 243	Test ID:	T000132772
Type:	Unit	Submitted:	04/02/2021 @ 01:47 PM
Test:	Potency	Started:	4/5/2021
Method:	TM14	Reported:	4/7/2021

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.09	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.10	ND	ND
Cannabidiolic acid (CBDA)	0.11	ND	ND
Cannabidiol (CBD)	0.10	2.99	1.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.11	ND	ND
Cannabinolic Acid (CBNA)	0.06	ND	ND
Cannabinol (CBN)	0.03	ND	ND
Cannabigerolic acid (CBGA)	0.09	ND	ND
Cannabigerol (CBG)	0.02	0.09	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.08	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.04	ND	ND
Cannabidivarin (CBDV)	0.02	ND	ND
Cannabichromenic Acid (CBCA)	0.03	ND	ND
Cannabichromene (CBC)	0.04	ND	ND
Total Cannabinoids		3.08	1.5
Total Potential THC**		ND	ND
Total Potential CBD**		2.99	1.4

NOTES:

of Servings = 1, Sample Weight=2.11203g

% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

 Daniel Weidensaul 7-Apr-2021 1:24 PM	 Tyler Wiese 7-Apr-2021 1:28 PM
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PREPARED BY / DATE

APPROVED BY / DATE

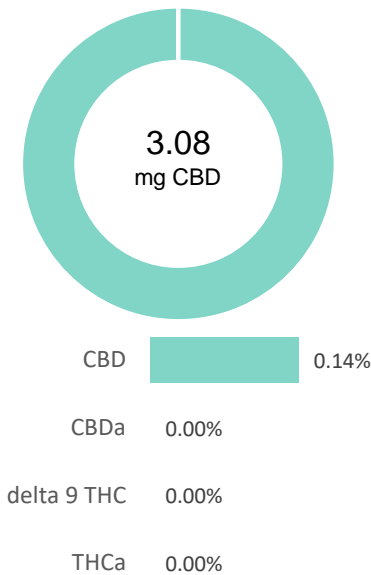
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Certificate #4329.02

Green Gruff Soothe Black Label Skin and Coat

Batch ID:	Lot#20210894-3 783	Test ID:	T000132742
Type:	Unit	Submitted:	04/02/2021 @ 11:30 AM
Test:	Potency	Started:	4/5/2021
Method:	TM14	Reported:	4/6/2021

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.09	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.10	ND	ND
Cannabidiolic acid (CBDA)	0.10	ND	ND
Cannabidiol (CBD)	0.10	3.08	1.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.11	ND	ND
Cannabinolic Acid (CBNA)	0.06	ND	ND
Cannabinol (CBN)	0.03	ND	ND
Cannabigerolic acid (CBGA)	0.09	ND	ND
Cannabigerol (CBG)	0.02	0.10	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.08	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.04	ND	ND
Cannabidivarin (CBDV)	0.02	ND	ND
Cannabichromenic Acid (CBCA)	0.04	ND	ND
Cannabichromene (CBC)	0.04	ND	ND
Total Cannabinoids		3.18	1.5
Total Potential THC**		ND	ND
Total Potential CBD**		3.08	1.4

NOTES:

of Servings = 1, Sample Weight=2.175726g

% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

 Ryan Weems 6-Apr-2021 1:06 PM	 Sam Smith 6-Apr-2021 1:10 PM
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PREPARED BY / DATE

APPROVED BY / DATE

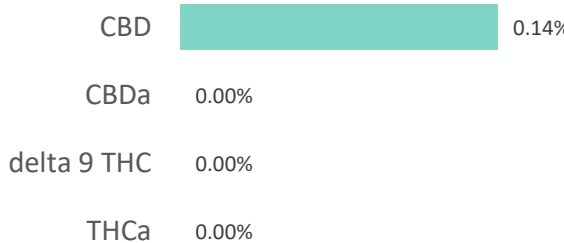
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. 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

3359 Green Gruff Soothe - 153

Batch ID:	20200561	Test ID:	2898817.0041
Reported:	3-Mar-2020	Method:	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.04	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.02	ND	ND
Cannabidiolic acid (CBDA)	0.04	ND	ND
Cannabidiol (CBD)	0.02	2.90	1.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	ND	ND
Cannabinolic Acid (CBNA)	0.06	ND	ND
Cannabinol (CBN)	0.03	ND	ND
Cannabigerolic acid (CBGA)	0.04	ND	ND
Cannabigerol (CBG)	0.02	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.04	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.04	ND	ND
Cannabidivarin (CBDV)	0.02	ND	ND
Cannabichromenic Acid (CBCA)	0.03	ND	ND
Cannabichromene (CBC)	0.04	ND	ND
Total Cannabinoids		2.90	1.40
Total Potential THC**		ND	ND
Total Potential CBD**		2.90	1.40

% = % (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))
 ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
 # of Servings = 1, Sample Weight=2.07514g
 N/A

FINAL APPROVAL

Mara Miller
 Mara Miller
 3-Mar-2020
 4:01 PM

Greg Zimpfer
 Greg Zimpfer
 3-Mar-2020
 4:31 PM

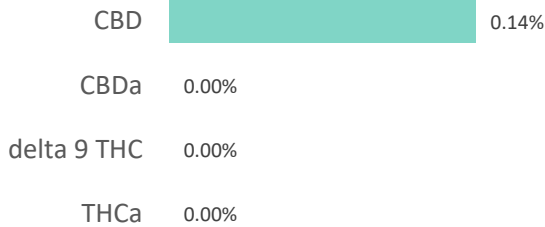
PREPARED BY / DATE APPROVED BY / DATE

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



3241 Green Gruff Soothe - 422

Batch ID:	20193391	Test ID:	9828169.0015
Reported:	9-Dec-2019	Method:	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	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)	0.08	0.00	0.0
Cannabidiol (CBD)	0.05	2.70	1.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.03	0.00	0.0
Cannabinolic Acid (CBNA)	0.08	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)	0.07	0.00	0.0
Cannabidivarin (CBDV)	0.04	0.00	0.0
Cannabichromenic Acid (CBCA)	0.04	0.00	0.0
Cannabichromene (CBC)	0.05	0.00	0.0
Total Cannabinoids		2.70	1.35
Total Potential THC**		0.00	0.00
Total Potential CBD**		2.70	1.35

NOTES:


of Servings = 1, Sample Weight=2g

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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$
FINAL APPROVAL


Tyler Wiese
9-Dec-2019
2:34 PM

PREPARED BY / DATE



David Green
9-Dec-2019
2:43 PM

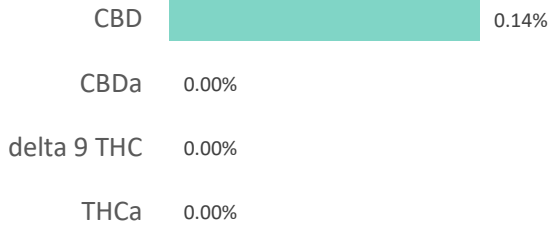
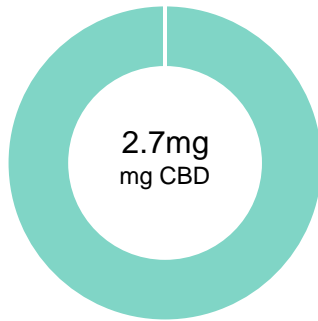
APPROVED BY / DATE

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Green Gruff Soothe- 620 (3146C)

Batch ID:	20192902	Test ID:	9739591.0043
Reported:	22-Oct-2019	Method:	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.04	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.02	0.00	0.0
Cannabidiolic acid (CBDA)	0.04	0.00	0.0
Cannabidiol (CBD)	0.02	2.70	1.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	0.00	0.0
Cannabinolic Acid (CBNA)	0.05	0.00	0.0
Cannabinol (CBN)	0.02	0.00	0.0
Cannabigerolic acid (CBGA)	0.03	0.00	0.0
Cannabigerol (CBG)	0.02	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.03	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.02	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.03	0.00	0.0
Cannabidivarin (CBDV)	0.02	0.00	0.0
Cannabichromenic Acid (CBCA)	0.03	0.00	0.0
Cannabichromene (CBC)	0.03	0.00	0.0
Total Cannabinoids		2.70	1.37
Total Potential THC**		0.00	0.00
Total Potential CBD**		2.70	1.37

NOTES:


of Servings = 1, Sample Weight=1.97658g

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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$
FINAL APPROVAL


Alex Smith
22-Oct-2019
6:52 PM

PREPARED BY / DATE



David Green
22-Oct-2019
7:43 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

