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CERTIFICATE OF ANALYSIS

Prepared for:
PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO USA 80525

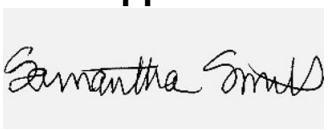
6223 Green Gruff SOOTHE Black

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



Sam Smith
16Jan2023
03:02:00 PM MST

PREPARED BY / DATE

Karen Winternheimer
16Jan2023
03:06:00 PM MST

APPROVED BY / DATE

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)).

Cert #4329.02
e230e41a73a94913ab7cac70f835fbb6.1

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CERTIFICATE OF ANALYSIS

Prepared for:
PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO USA 80525

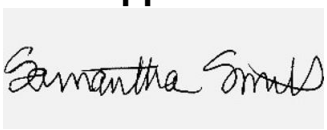
4531570 Green Gruff SOOTHE Black

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



Sam Smith
15Dec2022
12:39:00 PM MST

PREPARED BY / DATE

Karen Winternheimer
15Dec2022
12:43:00 PM MST

APPROVED BY / DATE

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)).

Cert #4329.02
fdad7d1e739644598f7608959913fc3e.1

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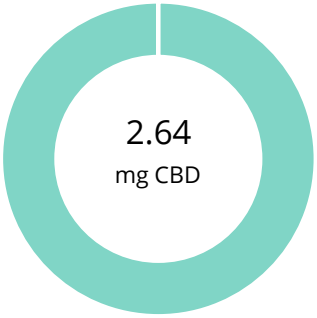
CERTIFICATE OF ANALYSIS

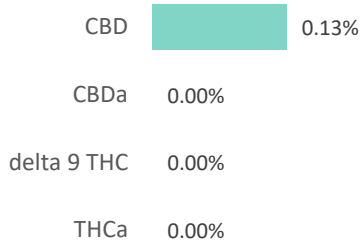
prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

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.
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=2.061g

FINAL APPROVAL

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

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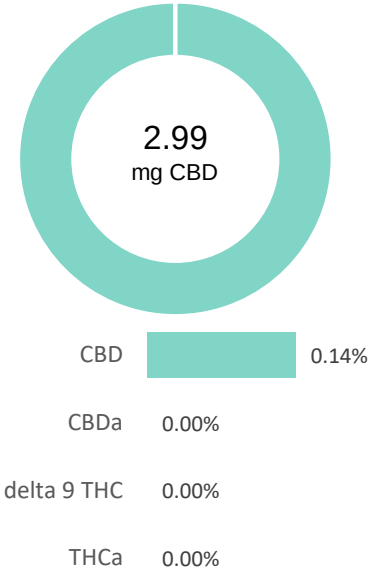
CERTIFICATE OF ANALYSIS

prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

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

% = % (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=2.11203g

FINAL APPROVAL

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

Tyler Wiese
7-Apr-2021
1:28 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

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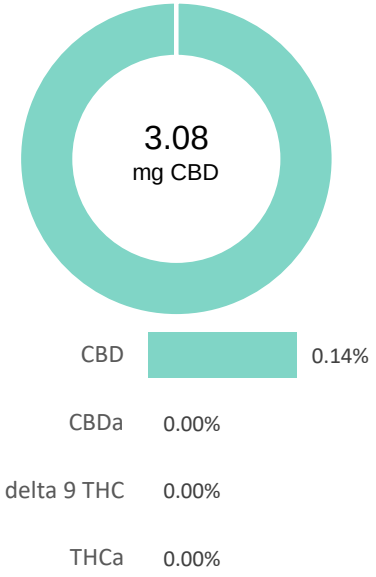
CERTIFICATE OF ANALYSIS

prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

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

% = % (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=2.175726g

FINAL APPROVAL

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

Sam Smith
6-Apr-2021
1:10 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

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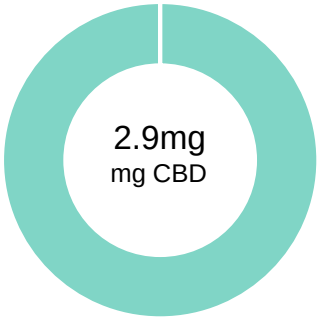
CERTIFICATE OF ANALYSIS

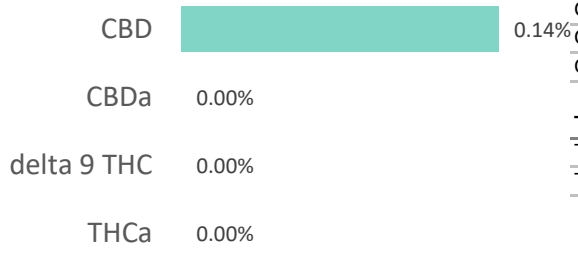
prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

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
3-Mar-2020
4:01 PM

PREPARED BY / DATE

Greg Zimpfer
3-Mar-2020
4:31 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

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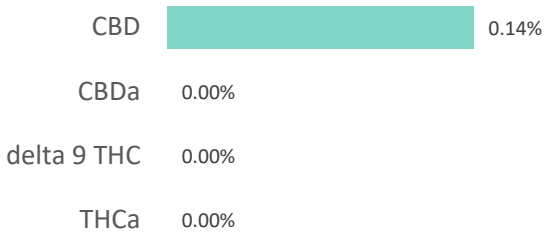
CERTIFICATE OF ANALYSIS

prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

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

% = % (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:

# of Servings = 1, Sample Weight=2g

N/A

FINAL APPROVAL

Tyler Wiese
9-Dec-2019
2:34 PM
PREPARED BY / DATE

David Green
9-Dec-2019
2:43 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

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Certificate #4329.02

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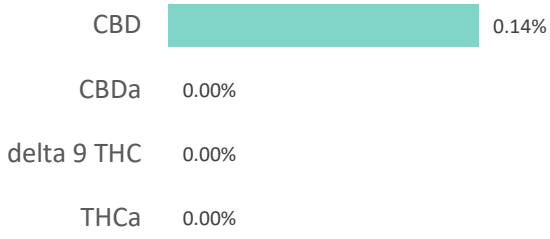
CERTIFICATE OF ANALYSIS

prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

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

% = % (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:

# of Servings = 1, Sample Weight=1.97658g

N/A

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

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Certificate #4329.02

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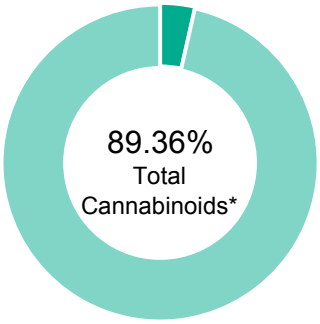
CERTIFICATE OF ANALYSIS

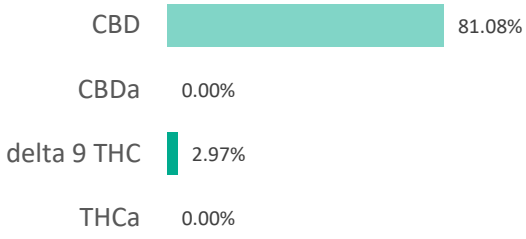
prepared for: KND LABS
14177 W. VIRGINIA DR.
LAKEWOOD, CO 80228

AH

Batch ID:	1024	**Test ID:**	4079298.007
Reported:	25-Oct-2019	**Method:**	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE





Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.14	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.07	2.97	29.7
Cannabidiolic acid (CBDA)	0.26	0.00	0.0
Cannabidiol (CBD)	0.14	81.08	810.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.07	0.00	0.0
Cannabinolic Acid (CBNA)	0.19	0.00	0.0
Cannabinol (CBN)	0.08	0.11	1.1
Cannabigerolic acid (CBGA)	0.12	0.00	0.0
Cannabigerol (CBG)	0.07	1.67	16.7
Tetrahydrocannabivarinic Acid (THCVA)	0.12	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.06	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.24	0.00	0.0
Cannabidivarin (CBDV)	0.13	0.77	7.7
Cannabichromenic Acid (CBCA)	0.10	0.00	0.0
Cannabichromene (CBC)	0.12	2.76	27.6
Total Cannabinoids		**89.36**	**893.60**
Total Potential THC**		2.97	29.70
Total Potential CBD**		81.08	810.80

% = % (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

Sam Smith
25-Oct-2019
2:53 PM
PREPARED BY / DATE

David Green
25-Oct-2019
3:17 PM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: KND LABS
14177 W. VIRGINIA DR.
LAKEWOOD, CO 80228

AH

Batch ID:	1024	**Test ID:**	8866316.0018
Reported:	28-Oct-2019	**Method:**	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	50 - 2305	ND*
Acetamiprid	50 - 2305	ND*
Avermectin	299 - 2305	ND*
Azoxystrobin	50 - 2305	ND*
Bifenazate	50 - 2305	ND*
Boscalid	299 - 2305	ND*
Carbaryl	50 - 2305	ND*
Carbofuran	50 - 2305	ND*
Chlorantraniliprole	50 - 2305	ND*
Chlorpyrifos	299 - 2305	ND*
Clofentezine	50 - 2305	ND*
Diazinon	50 - 2305	ND*
Dichlorvos	299 - 2305	ND*
Dimethoate	50 - 2305	ND*
E-Fenpyroximate	299 - 2305	ND*
Etofenprox	299 - 2305	ND*
Etoxazole	299 - 2305	ND*
Fenoxycarb	50 - 2305	ND*
Fipronil	299 - 2305	ND*
Flonicamid	50 - 2305	ND*
Fludioxonil	299 - 2305	ND*
Hexythiazox	299 - 2305	ND*
Imazalil	299 - 2305	ND*
Imidacloprid	50 - 2305	ND*
Kresoxim-methyl	50 - 2305	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	50 - 2305	ND*
Metalaxyl	299 - 2305	ND*
Methiocarb	50 - 2305	ND*
Methomyl	50 - 2305	ND*
MGK 264 1	50 - 2305	ND*
MGK 264 2	299 - 2305	ND*
Myclobutanil	299 - 2305	ND*
Naled	299 - 2305	ND*
Oxamyl	50 - 2305	ND*
Paclobutrazol	50 - 2305	ND*
Permethrin	299 - 2305	ND*
Phosmet	50 - 2305	ND*
Prophos	299 - 2305	ND*
Propoxur	299 - 2305	ND*
Pyridaben	299 - 2305	ND*
Spinosad A	50 - 2305	ND*
Spinosad D	299 - 2305	ND*
Spiromesifen	50 - 2305	ND*
Spirotetramat	299 - 2305	ND*
Spiroxamine 1	50 - 2305	ND*
Spiroxamine 2	50 - 2305	ND*
Tebuconazole	50 - 2305	ND*
Thiacloprid	50 - 2305	ND*
Thiamethoxam	50 - 2305	ND*
Trifloxystrobin	299 - 2305	ND*

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

N/A

FINAL APPROVAL

Samantha Smith
Sam Smith
28-Oct-2019
11:28 AM
PREPARED BY / DATE

David Green
28-Oct-2019
11:30 AM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: KND LABS
14177 W. VIRGINIA DR.
LAKEWOOD, CO 80228

AH

Batch ID:	1024	**Test ID:**	T000026754
Reported:	5-Nov-2019	**Method:**	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Concentrate		
Test:	Metals		

HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	<0.05
Lead	0.05	<0.05
Mercury	0.05	<0.05

FINAL APPROVAL

Sam Smith
5-Nov-2019
7:34 AM
PREPARED BY / DATE

David Green
5-Nov-2019
8:24 AM
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.

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CERTIFICATE OF ANALYSIS

prepared for: KND LABS
14177 W. VIRGINIA DR.
LAKEWOOD, CO 80228

AH

Batch ID:	1024	**Test ID:**	3776212.027
Reported:	28-Oct-2019	**Method:**	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count*	None Detected
Total Coliforms*	None Detected
Total Yeast and Molds**	None Detected
E. coli	None Detected
Salmonella	None Detected

** CFU/g = Colony Forming Unit per Gram*

*** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.*

Examples: 10^2 = 100 CFU
10^3 = 1,000 CFU
10^4 = 10,000 CFU
10^5 = 100,000 CFU

NOTES:
Free from visual mold, mildew, and foreign matter
TYM: None Detected
Total Aerobic: None Detected
Coliforms: None Detected

FINAL APPROVAL

Robert Belfon
28-Oct-2019
5:03 PM
PREPARED BY / DATE

Greg Zimpfer
28-Oct-2019
5:07 PM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: KND LABS
14177 W. VIRGINIA DR.
LAKEWOOD, CO 80228

AH

Batch ID:	1024	**Test ID:**	5980482.007
Reported:	30-Oct-2019	**Method:**	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	0
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

NOTES:
Free from visual mold, mildew, and foreign matter.

FINAL APPROVAL

Alex Smith
30-Oct-2019
3:25 PM

PREPARED BY / DATE

David Green
30-Oct-2019
3:32 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

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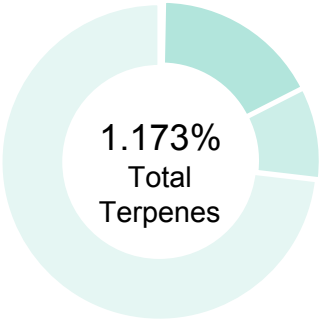
CERTIFICATE OF ANALYSIS

prepared for: KND LABS
14177 W. VIRGINIA DR.
LAKEWOOD, CO 80228

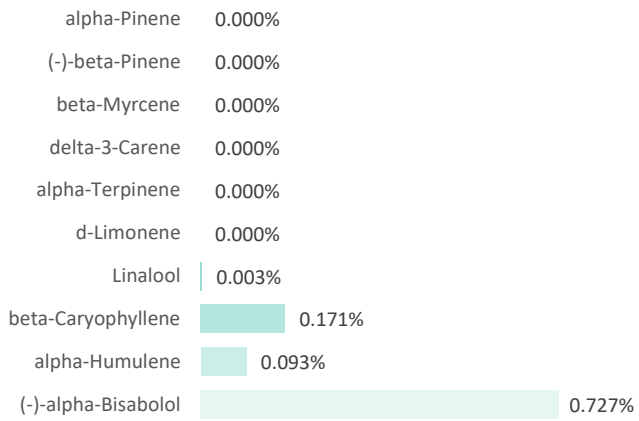
AH

Batch ID:	1024	**Test ID:**	1516187.001
Reported:	3-Nov-2019	**Method:**	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE



PREDOMINANT TERPENES



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.727	7.27
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.171	1.71
(-)-Caryophyllene Oxide	0.179	1.79
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.093	0.93
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.003	0.03
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	1.173%	**11.73**

NOTES:
0

FINAL APPROVAL

Daniel Weidensaul
3-Nov-2019
5:51 PM

PREPARED BY / DATE

Greg Zimpfer
3-Nov-2019
7:21 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. 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

COLORADO
Department of Agriculture

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www.colorado.gov/ag

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Little Farmers LLC
2933 W CR 54G
Fort Collins, CO 80524

	Issued	Expires
INDUSTRIAL HEMP REGISTRATION - # 76664	January 24, 2019	January 23, 2020

Pursuant to § 35-61-102, C.R.S., the above-named person / business is authorized to act as:

Indoor Commercial Industrial Hemp Registration
175,000 Sq. Ft.

Outdoor Commercial Industrial Hemp Registration
12 Acres

Kate Greenberg
Commissioner of Agriculture

January 24, 2019
Print Date