SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

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

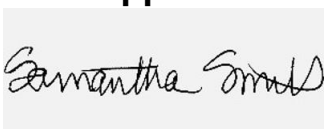
6234 Green Gruff EASE Black

Batch ID or Lot Number:	Test:	Reported:	USDA License:
20230075-1 253	**Potency**	**16Jan2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000232619	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)	0.031	0.110	<LOQ	<LOQ	# of Servings = 1, Sample Weight=2.103g
Cannabichromenic Acid (CBCA)	0.028	0.101	ND	ND	
Cannabidiol (CBD)	0.102	0.345	2.960	1.40	
Cannabidiolic Acid (CBDA)	0.104	0.354	ND	ND	
Cannabidivarin (CBDV)	0.024	0.082	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.043	0.148	ND	ND	
Cannabigerol (CBG)	0.017	0.063	ND	ND	
Cannabigerolic Acid (CBGA)	0.073	0.261	ND	ND	
Cannabinol (CBN)	0.023	0.082	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.050	0.178	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.087	0.311	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.079	0.283	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.070	0.251	ND	ND	
Tetrahydrocannabivarin (THCV)	0.016	0.057	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.062	0.221	ND	ND	
Total Cannabinoids			**2.960**	**1.40**	
Total Potential THC			ND	ND	
Total Potential CBD			2.960	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/8a337263-2658-409d-81c5-ae91aaddcf28

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)).

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CERTIFICATE OF ANALYSIS

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

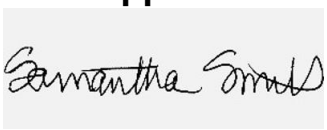
6238 Green Gruff EASE Black

Batch ID or Lot Number:	Test:	Reported:	USDA License:
20223335-2 664 (Beg, Mid, End composite sample)	**Potency**	**15Dec2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000230447	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)	0.034	0.122	<LOQ	<LOQ	# of Servings = , Sample Weight=2.086g
Cannabichromenic Acid (CBCA)	0.031	0.112	ND	ND	
Cannabidiol (CBD)	0.110	0.334	2.710	1.30	
Cannabidiolic Acid (CBDA)	0.113	0.342	ND	ND	
Cannabidivarin (CBDV)	0.026	0.079	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.047	0.143	ND	ND	
Cannabigerol (CBG)	0.019	0.069	ND	ND	
Cannabigerolic Acid (CBGA)	0.081	0.289	ND	ND	
Cannabinol (CBN)	0.025	0.090	ND	ND	
Cannabinolic Acid (CBNA)	0.055	0.197	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.097	0.345	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.088	0.313	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.078	0.277	ND	ND	
Tetrahydrocannabivarin (THCV)	0.018	0.063	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.069	0.245	ND	ND	
Total Cannabinoids			**2.710**	**1.30**	
Total Potential THC			ND	ND	
Total Potential CBD			2.710	1.30	

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/6a63d64b-408b-41de-9378-b4b045a15dd3

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)).

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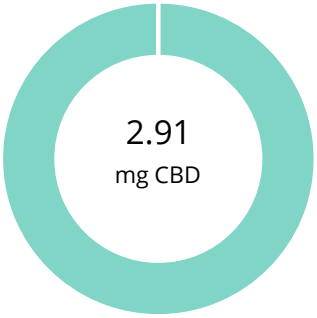
CERTIFICATE OF ANALYSIS

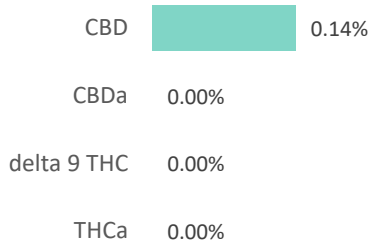
prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

4953-1 Green Gruff EASE Black

Batch ID:	20212844-1 810	**Test ID:**	T000169433
Type:	Unit	**Submitted:**	10/13/2021 @ 12:03 PM
Test:	Potency	**Started:**	10/14/2021
Method:	TM14 (HPLC-DAD)	**Reported:**	10/14/2021

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)	0.10	ND	ND
Cannabidiol (CBD)	0.10	2.91	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	0.10	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		**3.01**	**1.4**
Total Potential THC**		ND	ND
Total Potential CBD**		2.91	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=2.124g

FINAL APPROVAL

Rvan Weems	Rvan Weems 14-Oct-2021 4:17 PM	Samantha Smith	Sam Smith 14-Oct-2021 4:19 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

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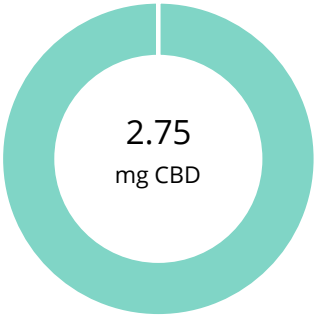
CERTIFICATE OF ANALYSIS

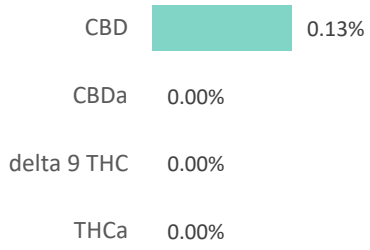
prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

4783 Green Gruff Ease Black-750

Batch ID:	20212931	**Test ID:**	T000170271
Type:	Unit	**Submitted:**	10/18/2021 @ 10:55 AM
Test:	Potency	**Started:**	10/18/2021
Method:	TM14 (HPLC-DAD)	**Reported:**	10/19/2021

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	2.75	1.3
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		**2.84**	**1.4**
Total Potential THC**		ND	ND
Total Potential CBD**		2.75	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=2.063g

FINAL APPROVAL

Daniel Weidensaul 19-Oct-2021 1:34 PM		Karen Winternheime 19-Oct-2021 1:36 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

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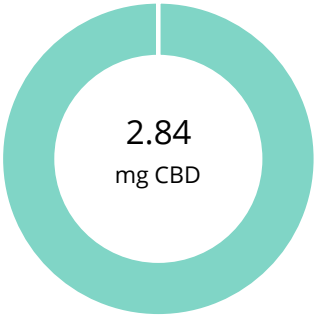
CERTIFICATE OF ANALYSIS

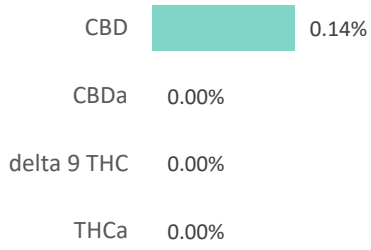
prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

4953-1 Green Gruff EASE Black

Batch ID:	20212844-1 462	**Test ID:**	T000169432
Type:	Unit	**Submitted:**	10/13/2021 @ 12:03 PM
Test:	Potency	**Started:**	10/14/2021
Method:	TM14 (HPLC-DAD)	**Reported:**	10/14/2021

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)	0.11	ND	ND
Cannabidiol (CBD)	0.10	2.84	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	0.10	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.09	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		**2.94**	**1.4**
Total Potential THC**		ND	ND
Total Potential CBD**		2.84	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=2.089g

FINAL APPROVAL

Rvan Weems 14-Oct-2021 4:17 PM	Sam Smith 14-Oct-2021 4:19 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

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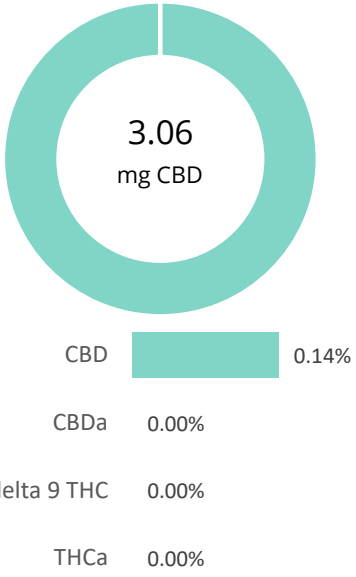
CERTIFICATE OF ANALYSIS

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

4953-1 Green Gruff EASE Black

Batch ID:	20212844-1 433	**Test ID:**	T000169434
Type:	Unit	**Submitted:**	10/13/2021 @ 12:03 PM
Test:	Potency	**Started:**	10/14/2021
Method:	TM14 (HPLC-DAD)	**Reported:**	10/14/2021

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)	0.11	ND	ND
Cannabidiol (CBD)	0.10	3.06	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	0.10	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.09	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		**3.16**	**1.4**
Total Potential THC**		ND	ND
Total Potential CBD**		3.06	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=2.191g

FINAL APPROVAL

Rvan Weems 14-Oct-2021 4:17 PM	PREPARED BY / DATE	Sam Smith 14-Oct-2021 4:19 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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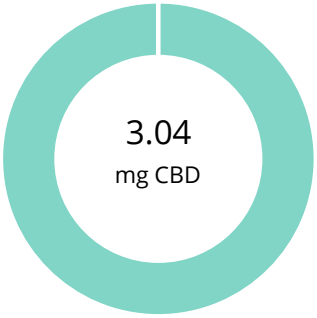
CERTIFICATE OF ANALYSIS

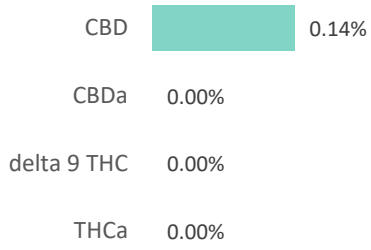
prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

4953-2 Green Gruff EASE Black

Batch ID:	20212854-1 907	**Test ID:**	T000169608
Type:	Unit	**Submitted:**	10/14/2021 @ 11:48 AM
Test:	Potency	**Started:**	10/14/2021
Method:	TM14 (HPLC-DAD)	**Reported:**	10/15/2021

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)	0.11	ND	ND
Cannabidiol (CBD)	0.11	3.04	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)	0.03	0.10	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.09	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.05	ND	ND
Cannabidivarin (CBDV)	0.02	ND	ND
Cannabichromenic Acid (CBCA)	0.04	ND	ND
Cannabichromene (CBC)	0.04	ND	ND
Total Cannabinoids		**3.14**	**1.4**
Total Potential THC**		ND	ND
Total Potential CBD**		3.04	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=2.241g

FINAL APPROVAL

Samantha Smith 15-Oct-2021 11:26 AM	Daniel Weidensaul 15-Oct-2021 11:29 AM
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

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Certificate #4329.02

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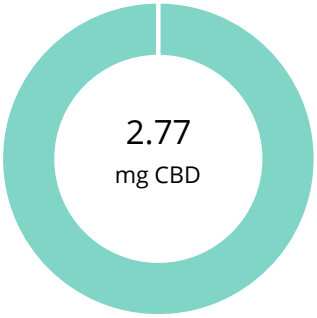
CERTIFICATE OF ANALYSIS

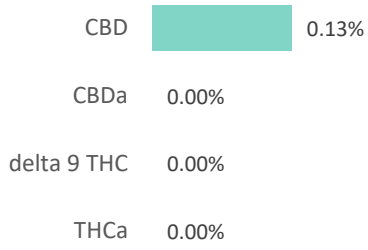
prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

4953-2 Green Gruff EASE Black

Batch ID:	20212854-1 334	**Test ID:**	T000169607
Type:	Unit	**Submitted:**	10/14/2021 @ 11:48 AM
Test:	Potency	**Started:**	10/14/2021
Method:	TM14 (HPLC-DAD)	**Reported:**	10/15/2021

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)	0.10	ND	ND
Cannabidiol (CBD)	0.10	2.77	1.3
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	0.10	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.09	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		**2.87**	**1.4**
Total Potential THC**		ND	ND
Total Potential CBD**		2.77	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=2.08g

FINAL APPROVAL

Samantha Smith	Daniel Weidensaul
15-Oct-2021 11:26 AM	15-Oct-2021 11:29 AM
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

botanacor

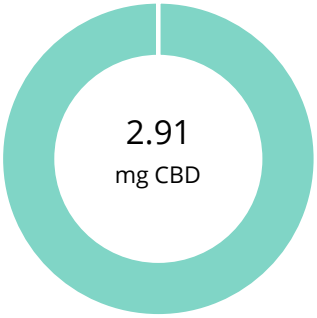
CERTIFICATE OF ANALYSIS

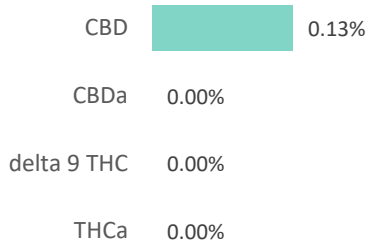
prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

4953-2 Green Gruff EASE Black

Batch ID:	20212854-1 789	**Test ID:**	T000169609
Type:	Unit	**Submitted:**	10/14/2021 @ 11:48 AM
Test:	Potency	**Started:**	10/14/2021
Method:	TM14 (HPLC-DAD)	**Reported:**	10/15/2021

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)	0.11	ND	ND
Cannabidiol (CBD)	0.10	2.91	1.3
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	0.10	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.09	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		**3.01**	**1.4**
Total Potential THC**		ND	ND
Total Potential CBD**		2.91	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=2.165g

FINAL APPROVAL

Samantha Smith 15-Oct-2021 11:26 AM	Daniel Weidensaul 15-Oct-2021 11:29 AM
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

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Certificate #4329.02

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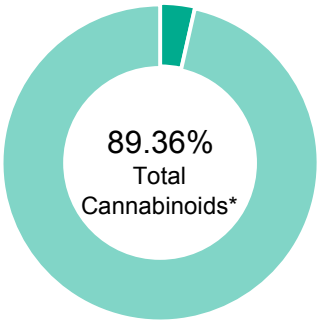
CERTIFICATE OF ANALYSIS

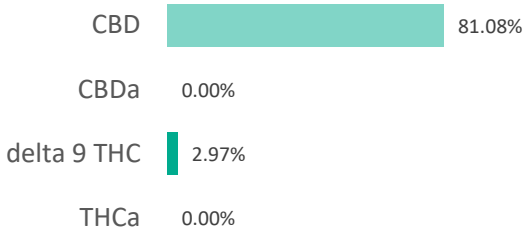
prepared for: KND LABS
14177 W. VIRGINIA DR.
LAKEWOOD, CO 80228

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

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:**	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

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:**	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

botanacor

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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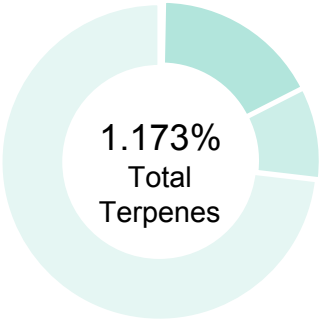
CERTIFICATE OF ANALYSIS

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

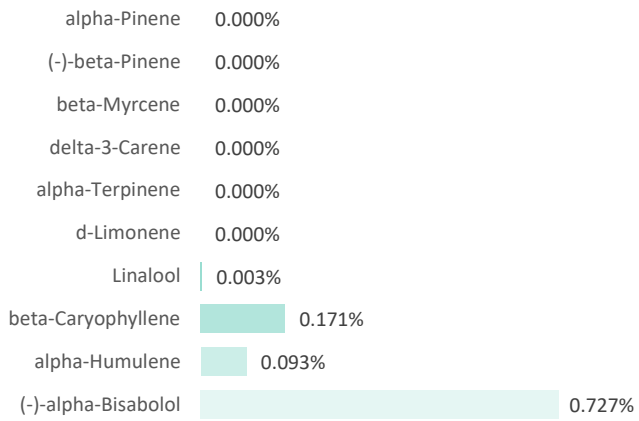
AH

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

305 Interlocken Parkway, Broomfield, CO 80021
P 303.869.9050 F 303.466.2860
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