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CERTIFICATE OF ANALYSIS

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

4571071 Green Gruff EASE Gold

Batch ID or Lot Number:	Test:	Reported:	USDA License:
20230904-2 529	**Potency**	**07Apr2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000240398	06Apr2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	05Apr2023	N/A

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.056	0.177	0.200	0.10	# of Servings = 1, Sample Weight=2.964g
Cannabichromenic Acid (CBCA)	0.051	0.162	ND	ND	
Cannabidiol (CBD)	0.156	0.468	5.210	1.80	
Cannabidiolic Acid (CBDA)	0.160	0.480	ND	ND	
Cannabidivarin (CBDV)	0.037	0.111	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.067	0.200	ND	ND	
Cannabigerol (CBG)	0.032	0.100	ND	ND	
Cannabigerolic Acid (CBGA)	0.132	0.419	ND	ND	
Cannabinol (CBN)	0.041	0.131	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.090	0.286	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.157	0.499	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.143	0.453	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.126	0.402	ND	ND	
Tetrahydrocannabivarin (THCV)	0.029	0.091	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.112	0.354	ND	ND	
Total Cannabinoids			**5.410**	**1.90**	
Total Potential THC			ND	ND	
Total Potential CBD			5.210	1.80	

Final Approval

Karen Winternheimer
07Apr2023
12:41:00 PM MDT
PREPARED BY / DATE

Sam Smith
07Apr2023
12:43:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/a311b5bc-fe92-4401-b4ce-4da8f3182911

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
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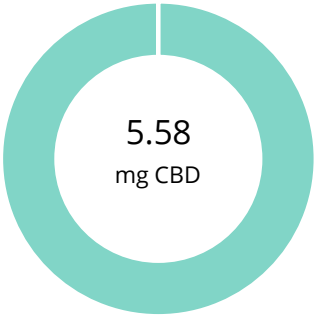
CERTIFICATE OF ANALYSIS

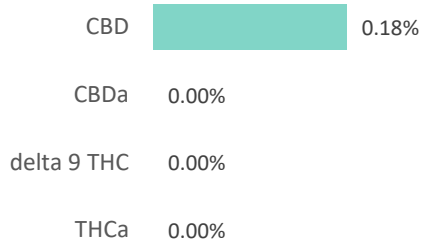
prepared for: PETDINE LLC
4700 INNOVATION DR. B-3
FORT COLLINS, CO 80525

5131 Green Gruff EASE Hip & Joint Premium Gold

Batch ID:	20220284-2 152	**Test ID:**	T000190190
Type:	Unit	**Submitted:**	01/31/2022 @ 11:30 AM
Test:	Potency	**Started:**	2/2/2022
Method:	TM14 (HPLC-DAD)	**Reported:**	2/2/2022

CANNABINOID PROFILE





Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.13	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	ND	ND
Cannabidiolic acid (CBDA)	0.16	ND	ND
Cannabidiol (CBD)	0.16	5.58	1.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.16	ND	ND
Cannabinolic Acid (CBNA)	0.09	ND	ND
Cannabinol (CBN)	0.04	ND	ND
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.03	0.19	0.1
Tetrahydrocannabivarinic Acid (THCVA)	0.11	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.07	ND	ND
Cannabidivarin (CBDV)	0.04	ND	ND
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.06	ND	ND
Total Cannabinoids		**5.77**	**1.9**
Total Potential THC**		ND	ND
Total Potential CBD**		5.58	1.8

% = % (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=3.025g

FINAL APPROVAL

Iacob Miller
2-Feb-2022
6:49 PM
PREPARED BY / DATE

Daniel Weidensaul
2-Feb-2022
6:57 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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