

Prepared for:

Hemp Dog Pro

Vital Planet

Batch ID or Lot Number: 0544877	Test: Potency	Reported: 2/2/23	Location: 133 Candy Lane Palm Harbor, FL 34683
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Matrix: Solution	Test ID: T000233739	Started: 2/1/23	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC	Received: 01/30/2023 @ 03:41 PM	Sampler ID: N/A
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CANNABINOID PROFILE

Compound	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.025	0.071	ND	ND	Density = 0.947912g/mL
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.028	0.080	1.849	1.95	
Cannabidiolic acid (CBDA)	1.230	3.607	7.054	7.44	
Cannabidiol (CBD)	1.199	3.517	60.851	64.19	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	1.255	3.596	ND	ND	
Cannabinolic Acid (CBNA)	0.719	2.059	ND	ND	
Cannabinol (CBN)	0.329	0.942	ND	ND	
Cannabigerolic acid (CBGA)	1.053	3.018	ND	ND	
Cannabigerol (CBG)	0.252	0.722	2.240	2.36	
Tetrahydrocannabivarinic Acid (THCVA)	0.891	2.552	ND	ND	
Tetrahydrocannabivarin (THCV)	0.229	0.657	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.513	1.505	ND	ND	
Cannabidivarin (CBDV)	0.284	0.832	1.657	1.75	
Cannabichromenic Acid (CBCA)	0.406	1.163	ND	ND	
Cannabichromene (CBC)	0.444	1.272	2.529	2.67	
Total Cannabinoids			76.180	80.36	
Total Potential THC**			1.849	1.95	
Total Potential CBD**			67.037	70.71	

Prepared by: *Sam Smith*
2-Feb-23
8:37 AM

Approved by: *Karen Winternheimer*
2-Feb-23
8:42 AM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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

** 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))

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

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

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



Certificate #4329.02

Hemp Dog Pro

Batch ID:	0544877	Test ID:	T000233741
Matrix:	Finished Product	Received:	01/30/2023 @ 03:41 PM
Test:	Microbial Contaminants	Started:	1/31/2023
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Reported:	2/3/2023

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
Total Yeast and Mold*	TM-24 Culture Plating	10 ¹ CFU/g	2.0x10 ² - 3.0x10 ⁴ CFU/g	None Detected
Total Aerobic Count*	TM-26 Culture Plating	10 ² CFU/g	2.0x10 ³ - 3.0x10 ⁵ CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	2.0x10 ² - 3.0x10 ⁴ CFU/g	None Detected
STEC	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent
Salmonella	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent

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

Examples: 10² = 100 CFU
10³ = 1,000 CFU
10⁴ = 10,000 CFU
10⁵ = 100,000 CFU


NOTES:


Free from visual mold, mildew, and foreign matter

DEFINITIONS:

CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli
LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL


Brett Hudson
2/3/2023
2:28:00 PM


Eden Thompson-Wright
2/3/2023
4:39:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

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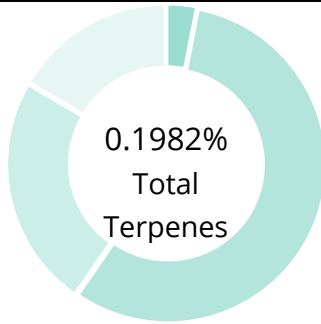


Certificate #4329.03

Hemp Dog Pro

Batch ID:	0544877	Test ID:	T000233740
Type:	Concentrate	Submitted:	01/30/2023 @ 03:41 PM
Test:	Terpenes	Started:	2/1/2023
Method:	TM22 (GC-MS)	Reported:	2/3/2023

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0309	0.309
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.1054	1.054
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0443	0.443
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.0057	0.057
beta-Myrcene	0.0000	0.000
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0119	0.119
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
	0.1982	1.982

PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0000
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0000
Linalool	0.0057
beta-Caryophyllene	0.1054
alpha-Humulene	0.0443
(-)-alpha-Bisabolol	0.0309

NOTES:

N/A

FINAL APPROVAL

K Winternheimer
Karen Winternheimer
3-Feb-2023
11:13 AM

Samantha Smith
Sam Smith
3-Feb-2023
11:15 AM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



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