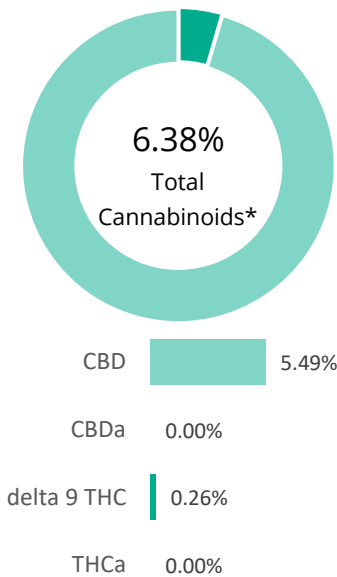


## Hemp Dog 1500mg/30ml

<b>Batch ID:</b>	O544791-97	<b>Test ID:</b>	T000147817
<b>Type:</b>	Concentrate	<b>Submitted:</b>	06/23/2021 @ 11:46 AM
<b>Test:</b>	Potency	<b>Started:</b>	6/25/2021
<b>Method:</b>	TM14	<b>Reported:</b>	6/28/2021

## CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.02	0.26	2.6
Cannabidiolic acid (CBDA)	0.01	ND	ND
Cannabidiol (CBD)	0.01	5.49	54.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	ND	ND
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	ND	ND
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.00	0.15	1.5
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	0.01	0.1
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	0.05	0.5
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.01	0.42	4.2
<b>Total Cannabinoids</b>		<b>6.38</b>	<b>63.8</b>
Total Potential THC**		0.26	2.6
Total Potential CBD**		5.49	54.9

% = % (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:

N/A

## FINAL APPROVAL

 Daniel Weidensaul 28-lun-2021 3:16 PM	 Sam Smith 28-lun-2021 3:29 PM
PREPARED BY / DATE	APPROVED BY / DATE

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Certificate #4329.02

prepared for: Vital Planet

133 Candy Lane  
Palm Harbor, FL 34683

Hemp Dog 1500mg/30ml

<b>Batch ID:</b>	O544791-97	<b>Test ID:</b>	T000147817
<b>Type:</b>	Concentrate	<b>Submitted:</b>	06/23/2021 @ 11:46 AM
<b>Test:</b>	Potency	<b>Started:</b>	6/25/2021
<b>Method:</b>	TM14	<b>Reported:</b>	6/28/2021

## SAMPLE PHOTO



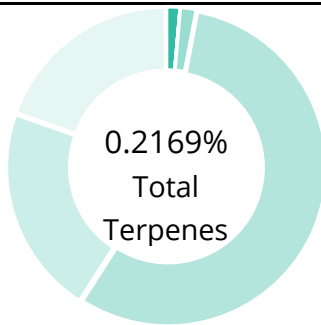
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## Hemp Dog 1500mg/30ml

<b>Batch ID:</b>	O544791-97	<b>Test ID:</b>	T000147818
<b>Type:</b>	Concentrate	<b>Submitted:</b>	06/23/2021 @ 11:46 AM
<b>Test:</b>	Terpenes	<b>Started:</b>	6/29/2021
<b>Method:</b>	TM22	<b>Reported:</b>	6/30/2021

## TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0411	0.411
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.1177	1.177
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0016	0.016
Geraniol	0.0000	0.000
alpha-Humulene	0.0448	0.448
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.0034	0.034
beta-Myrcene	0.0029	0.029
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0046	0.046
Ocimene	0.0000	0.000
beta-Ocimene	0.0008	0.008
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
	<b>0.2169</b>	<b>2.169</b>



## PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0029
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0000
Linalool	0.0034
beta-Caryophyllene	0.1177
alpha-Humulene	0.0448
(-)-alpha-Bisabolol	0.0411

## NOTES:

N/A

## FINAL APPROVAL

 Rvan Weems 30-lun-2021 4:55 PM	 Daniel Weidensaul 30-lun-2021 4:58 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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A2LA Certificate Number 4329.02



Certificate #4329.02

## Hemp Dog 1500mg/30ml

<b>Batch ID:</b>	O544791-97	<b>Test ID:</b>	T000147819
<b>Type:</b>	Concentrate	<b>Submitted:</b>	06/23/2021 @ 11:46 AM
<b>Test:</b>	Pesticides	<b>Started:</b>	6/28/2021
<b>Method:</b>	TM17	<b>Reported:</b>	6/29/2021

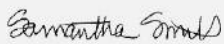
## PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	41 - 2580	ND*	Malathion	305 - 2580	ND*
Acetamiprid	42 - 2580	ND*	Metalaxyl	45 - 2580	ND*
Abamectin	>373	ND*	Methiocarb	43 - 2580	ND*
Azoxystrobin	44 - 2580	ND*	Methomyl	42 - 2580	ND*
Bifenazate	43 - 2580	ND*	MGK 264 1	166 - 2580	ND*
Boscalid	38 - 2580	ND*	MGK 264 2	118 - 2580	ND*
Carbaryl	36 - 2580	ND*	Myclobutanil	43 - 2580	ND*
Carbofuran	42 - 2580	ND*	Naled	45 - 2580	ND*
Chlorantraniliprole	57 - 2580	ND*	Oxamyl	43 - 2580	ND*
Chlorpyrifos	48 - 2580	ND*	Paclbutrazol	42 - 2580	ND*
Clofentezine	292 - 2580	ND*	Permethrin	287 - 2580	ND*
Diazinon	299 - 2580	ND*	Phosmet	47 - 2580	ND*
Dichlorvos	>295	ND*	Prophos	287 - 2580	ND*
Dimethoate	42 - 2580	ND*	Propoxur	45 - 2580	ND*
E-Fenpyroximate	304 - 2580	ND*	Pyridaben	299 - 2580	ND*
Etofenprox	43 - 2580	ND*	Spinosad A	31 - 2580	ND*
Etoxazole	314 - 2580	ND*	Spinosad D	78 - 2580	ND*
Fenoxycarb	>42	ND*	Spiromesifen	>299	ND*
Fipronil	42 - 2580	ND*	Spirotetramat	>302	ND*
Flonicamid	50 - 2580	ND*	Spiroxamine 1	18 - 2580	ND*
Fludioxonil	>313	ND*	Spiroxamine 2	23 - 2580	ND*
Hexythiazox	43 - 2580	ND*	Tebuconazole	305 - 2580	ND*
Imazalil	278 - 2580	ND*	Thiacloprid	43 - 2580	ND*
Imidacloprid	43 - 2580	ND*	Thiamethoxam	42 - 2580	ND*
Kresoxim-methyl	44 - 2580	ND*	Trifloxystrobin	43 - 2580	ND*

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

N/A

## FINAL APPROVAL



 Sam Smith  
 29-Jun-2021  
 4:29 PM



 Tavor Brevik  
 29-Jun-2021  
 4:34 PM

PREPARED BY / DATE

APPROVED BY / DATE

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## Hemp Dog 1500mg/30ml

<b>Batch ID:</b>	O544791-97	<b>Test ID:</b>	T000147822
<b>Type:</b>	Concentrate	<b>Submitted:</b>	06/23/2021 @ 11:46 AM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	6/29/2021
<b>Method:</b>	TM04	<b>Reported:</b>	6/29/2021

## RESIDUAL SOLVENTS


Solvent	Dynamic Range (ppm)	Result (ppm)
<b>Propane</b>	78 - 1559	*ND
<b>Butanes</b> (Isobutane, n-Butane)	156 - 3119	*ND
<b>Methanol</b>	63 - 1261	*ND
<b>Pentane</b>	88 - 1754	*ND
<b>Ethanol</b>	91 - 1810	*ND
<b>Acetone</b>	100 - 2001	*ND
<b>Isopropyl Alcohol</b>	106 - 2116	*ND
<b>Hexane</b>	6 - 124	*ND
<b>Ethyl Acetate</b>	100 - 1993	*ND
<b>Benzene</b>	0.2 - 4.1	*ND
<b>Heptanes</b>	96 - 1911	*ND
<b>Toluene</b>	18 - 364	*ND
<b>Xylenes</b> (m,p,o-Xylenes)	133 - 2653	*ND

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

## NOTES:

N/A

## FINAL APPROVAL

Sam Smith  
29-Jun-2021  
4:09 PMDaniel Weidensaul  
29-Jun-2021  
4:15 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

## Hemp Dog 1500mg/30ml


<b>Batch ID:</b>	O544791-97	<b>Test ID:</b>	t000147821
<b>Type:</b>	Other	<b>Submitted:</b>	06/23/2021 @ 11:46 AM
<b>Test:</b>	Metals	<b>Started:</b>	6/28/2021
<b>Method:</b>	TM19	<b>Reported:</b>	6/29/2021

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.045 - 4.54	ND
Cadmium	0.046 - 4.65	ND
Mercury	0.047 - 4.75	ND
Lead	0.040 - 4.02	ND


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

## FINAL APPROVAL



Michele Gagnon  
29-Jun-2021  
2:54 PM

PREPARED BY / DATE



Sam Smith  
29-Jun-2021  
2:55 PM

APPROVED BY / DATE

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## Hemp Dog 1500mg/30ml

<b>Batch ID:</b>	O544791-97	<b>Test ID:</b>	T000147820
<b>Type:</b>	Concentrate	<b>Submitted:</b>	06/23/2021 @ 11:46 AM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	6/24/2021
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	6/28/2021

## MICROBIAL CONTAMINANTS

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

\* 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

Brianne Maillot  
28-Jun-2021  
9:31 AMRobert Belfon  
28-Jun-2021  
2:22 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03