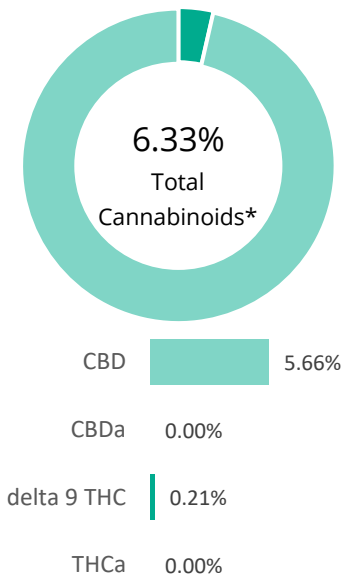


Hemp Cat 750mg/15ml

Batch ID:	O544589-91	Test ID:	T000144582
Type:	Concentrate	Submitted:	06/04/2021 @ 01:38 PM
Test:	Potency	Started:	6/7/2021
Method:	TM14	Reported:	6/8/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	0.21	2.1
Cannabidiolic acid (CBDA)	0.01	ND	ND
Cannabidiol (CBD)	0.01	5.66	56.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	ND	ND
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	0.01	0.1
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.00	0.21	2.1
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	ND	ND
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	0.02	0.2
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.01	0.22	2.2
Total Cannabinoids		6.33	63.3
Total Potential THC**		0.21	2.1
Total Potential CBD**		5.66	56.6

% = % (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

 Taylor Brevik 8-Jun-2021 10:48 AM	 Daniel Weidensaul 8-Jun-2021 10:50 AM
PREPARED BY / DATE	APPROVED BY / DATE

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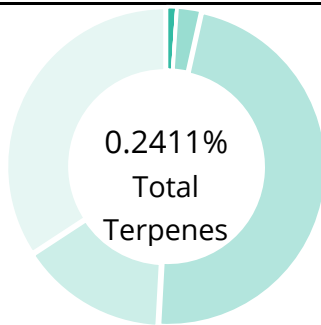


Certificate #4329.02

Hemp Cat 750mg/15ml

Batch ID:	O544589-91	Test ID:	T000144583
Type:	Concentrate	Submitted:	06/04/2021 @ 01:38 PM
Test:	Terpenes	Started:	6/9/2021
Method:	TM22	Reported:	6/10/2021

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0718	0.718
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0994	0.994
(-)-Caryophyllene Oxide	0.0224	0.224
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0313	0.313
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.0051	0.051
beta-Myrcene	0.0022	0.022
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0036	0.036
Ocimene	0.0000	0.000
beta-Ocimene	0.0007	0.007
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	0.0046	0.046
	0.2411	2.411



PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0022
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0000
Linalool	0.0051
beta-Caryophyllene	0.0994
alpha-Humulene	0.0313
(-)-alpha-Bisabolol	0.0718

NOTES:

N/A

FINAL APPROVAL

 Rvan Weems 10-lun-2021 4:14 PM	 Daniel Weidensaul 10-lun-2021 4:16 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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A2LA Certificate Number 4329.02



Certificate #4329.02

Hemp Cat 750mg/15ml

Batch ID:	O544589-91	Test ID:	T000144585
Type:	Concentrate	Submitted:	06/04/2021 @ 01:38 PM
Test:	Microbial Contaminants	Started:	6/7/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	6/10/2021

MICROBIAL CONTAMINANTS

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


Sarah Henning
10-Jun-2021
12:51 PM
Brianne Maillot
10-Jun-2021
1:53 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

Hemp Cat 750mg/15ml

Batch ID:	O544589-91	Test ID:	T000144584
Type:	Concentrate	Submitted:	06/04/2021 @ 01:38 PM
Test:	Pesticides	Started:	6/9/2021
Method:	TM17	Reported:	6/10/2021

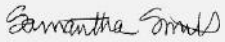
PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	38 - 2395	ND*	Malathion	272 - 2395	ND*
Acetamiprid	37 - 2395	ND*	Metalaxyl	39 - 2395	ND*
Abamectin	>323	ND*	Methiocarb	42 - 2395	ND*
Azoxystrobin	42 - 2395	ND*	Methomyl	37 - 2395	ND*
Bifenazate	42 - 2395	ND*	MGK 264 1	152 - 2395	ND*
Boscalid	45 - 2395	ND*	MGK 264 2	113 - 2395	ND*
Carbaryl	36 - 2395	ND*	Myclobutanil	45 - 2395	ND*
Carbofuran	40 - 2395	ND*	Naled	43 - 2395	ND*
Chlorantraniliprole	47 - 2395	ND*	Oxamyl	36 - 2395	ND*
Chlorpyrifos	46 - 2395	ND*	Paclobutrazol	44 - 2395	ND*
Clofentezine	273 - 2395	ND*	Permethrin	289 - 2395	ND*
Diazinon	271 - 2395	ND*	Phosmet	45 - 2395	ND*
Dichlorvos	>250	ND*	Prophos	286 - 2395	ND*
Dimethoate	37 - 2395	ND*	Propoxur	39 - 2395	ND*
E-Fenpyroximate	296 - 2395	ND*	Pyridaben	283 - 2395	ND*
Etofenprox	45 - 2395	ND*	Spinosad A	27 - 2395	ND*
Etoxazole	286 - 2395	ND*	Spinosad D	77 - 2395	ND*
Fenoxycarb	>41	ND*	Spiromesifen	>270	ND*
Fipronil	59 - 2395	ND*	Spirotetramat	>285	ND*
Flonicamid	42 - 2395	ND*	Spiroxamine 1	17 - 2395	ND*
Fludioxonil	>293	ND*	Spiroxamine 2	23 - 2395	ND*
Hexythiazox	40 - 2395	ND*	Tebuconazole	291 - 2395	ND*
Imazalil	270 - 2395	ND*	Thiacloprid	37 - 2395	ND*
Imidacloprid	40 - 2395	ND*	Thiamethoxam	40 - 2395	ND*
Kresoxim-methyl	40 - 2395	ND*	Trifloxystrobin	40 - 2395	ND*

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

N/A

FINAL APPROVAL


 Sam Smith
 10-Jun-2021
 3:34 PM


 Tavor Brevik
 10-Jun-2021
 3:37 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Hemp Cat 750mg/15ml


Batch ID:	O544589-91	Test ID:	T000144586
Type:	Other	Submitted:	06/04/2021 @ 01:38 PM
Test:	Metals	Started:	6/10/2021
Method:	TM19	Reported:	6/11/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.046 - 4.62	ND
Cadmium	0.047 - 4.71	ND
Mercury	0.047 - 4.70	ND
Lead	0.050 - 4.96	ND

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

FINAL APPROVAL


Daniel Weidensaul
11-Jun-2021
11:05 AM

PREPARED BY / DATE


Ryan Weems
11-Jun-2021
11:07 AM

APPROVED BY / DATE

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Hemp Cat 750mg/15ml

Batch ID:	O544589-91	Test ID:	T000144587
Type:	Concentrate	Submitted:	06/04/2021 @ 01:38 PM
Test:	Residual Solvents	Started:	6/9/2021
Method:	TM04	Reported:	6/10/2021


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	92 - 1835	*ND
Butanes (Isobutane, n-Butane)	172 - 3448	*ND
Methanol	64 - 1277	*ND
Pentane	95 - 1900	*ND
Ethanol	100 - 2007	*ND
Acetone	105 - 2107	*ND
Isopropyl Alcohol	113 - 2251	*ND
Hexane	6 - 127	*ND
Ethyl Acetate	106 - 2117	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	101 - 2017	*ND
Toluene	19 - 385	*ND
Xylenes (m,p,o-Xylenes)	140 - 2805	*ND

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


NOTES:
N/A

FINAL APPROVAL



Michele Gagnon
10-Jun-2021
9:48 AM

PREPARED BY / DATE



Taylor Brevik
10-Jun-2021
9:51 AM

APPROVED BY / DATE

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