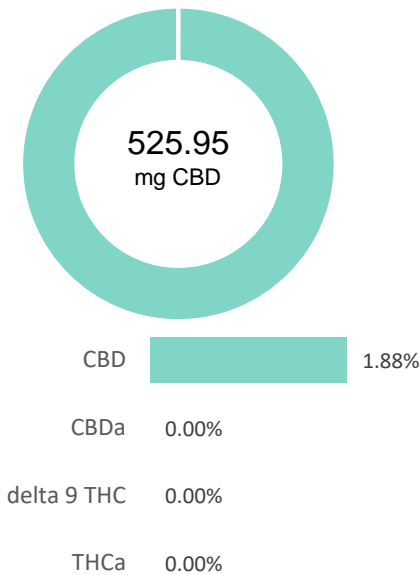


Willie's Tincture, 500 mg BB, 12/1/21

Batch ID:	2874-006-500	Test ID:	T000120107
Type:	Unit	Submitted:	01/20/2021 @ 02:01 PM
Test:	Potency	Started:	1/22/2021
Method:	TM14	Reported:	1/26/2021

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	3.85	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	4.34	ND	ND
Cannabidiolic acid (CBDA)	4.48	ND	ND
Cannabidiol (CBD)	4.37	525.95	18.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	4.78	ND	ND
Cannabinolic Acid (CBNA)	2.74	ND	ND
Cannabinol (CBN)	1.25	ND	ND
Cannabigerolic acid (CBGA)	4.01	ND	ND
Cannabigerol (CBG)	0.96	15.99	0.6
Tetrahydrocannabivarinic Acid (THCVA)	3.39	ND	ND
Tetrahydrocannabivarin (THCV)	0.87	ND	ND
Cannabidivarinic Acid (CBDVA)	1.87	ND	ND
Cannabidivarin (CBDV)	1.03	2.02	0.1
Cannabichromenic Acid (CBCA)	1.55	ND	ND
Cannabichromene (CBC)	1.69	5.29	0.2
Total Cannabinoids		549.25	19.6
Total Potential THC**		ND	ND
Total Potential CBD**		525.95	18.8

NOTES:

of Servings = 1, Sample Weight=28g

% = % (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)

FINAL APPROVAL

 Sam Smith 26-Jan-2021 4:37 PM	 Ben Minton 26-Jan-2021 8:12 PM
---	---

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

Willie's Tincture, 500 mg BB, 12/1/21

Batch ID:	2874-006-500	Test ID:	T000120109
Type:	Edible	Submitted:	01/20/2021 @ 02:01 PM
Test:	Microbial Contaminants	Started:	1/22/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	1/25/2021

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)	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
25-Jan-2021
3:50 PM
Greg Zimpfer
25-Jan-2021
4:44 PM

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APPROVED BY / DATE

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Certificate #4329.03

Willie's Tincture, 500 mg BB, 12/1/21

Batch ID:	2874-006-500	Test ID:	T000120108
Type:	Concentrate	Submitted:	01/20/2021 @ 02:01 PM
Test:	Pesticides	Started:	1/26/2021
Method:	TM17	Reported:	1/27/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	41 - 2377	ND*	Malathion	289 - 2377	ND*
Acetamiprid	41 - 2377	ND*	Metalaxyl	46 - 2377	ND*
Abamectin	>297	ND*	Methiocarb	44 - 2377	ND*
Azoxystrobin	42 - 2377	ND*	Methomyl	43 - 2377	ND*
Bifenazate	35 - 2377	ND*	MGK 264 1	172 - 2377	ND*
Boscalid	47 - 2377	ND*	MGK 264 2	117 - 2377	ND*
Carbaryl	42 - 2377	ND*	Myclobutanil	40 - 2377	ND*
Carbofuran	40 - 2377	ND*	Naled	49 - 2377	ND*
Chlorantraniliprole	42 - 2377	ND*	Oxamyl	43 - 2377	ND*
Chlorpyrifos	55 - 2377	ND*	Paclobutrazol	42 - 2377	ND*
Clofentezine	288 - 2377	ND*	Permethrin	298 - 2377	ND*
Diazinon	290 - 2377	ND*	Phosmet	43 - 2377	ND*
Dichlorvos	>275	ND*	Prophos	287 - 2377	ND*
Dimethoate	43 - 2377	ND*	Propoxur	43 - 2377	ND*
E-Fenpyroximate	285 - 2377	ND*	Pyridaben	284 - 2377	ND*
Etofenprox	39 - 2377	ND*	Spinosad A	29 - 2377	ND*
Etoxazole	281 - 2377	ND*	Spinosad D	77 - 2377	ND*
Fenoxycarb	>44	ND*	Spiromesifen	>266	ND*
Fipronil	27 - 2377	ND*	Spirotetramat	>287	ND*
Flonicamid	50 - 2377	ND*	Spiroxamine 1	20 - 2377	ND*
Fludioxonil	>303	ND*	Spiroxamine 2	23 - 2377	ND*
Hexythiazox	41 - 2377	ND*	Tebuconazole	280 - 2377	ND*
Imazalil	280 - 2377	ND*	Thiacloprid	44 - 2377	ND*
Imidacloprid	45 - 2377	ND*	Thiamethoxam	45 - 2377	ND*
Kresoxim-methyl	49 - 2377	ND*	Trifloxystrobin	42 - 2377	ND*


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

N/A

FINAL APPROVAL

 Tyler Wiese
 27-Jan-2021
 2:12 PM

PREPARED BY / DATE

 Ben Minton
 27-Jan-2021
 2:26 PM

APPROVED BY / DATE

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Willie's Tincture, 500 mg BB, 12/1/21


Batch ID:	2874-006-500	Test ID:	T000120110
Type:	Unit	Submitted:	01/20/2021 @ 02:01 PM
Test:	Metals	Started:	1/22/2021
Method:	TM19	Reported:	1/25/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.080 - 8.04	ND
Cadmium	0.075 - 7.50	ND
Mercury	0.077 - 7.66	ND
Lead	0.093 - 9.27	ND

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

FINAL APPROVAL


Ryan Weems
25-Jan-2021
12:26 PM

PREPARED BY / DATE


Greg Zimpfer
25-Jan-2021
2:42 PM

APPROVED BY / DATE

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Willie's Tincture, 500 mg BB, 12/1/21

Batch ID:	2874-006-500	Test ID:	T000120111
Type:	Concentrate	Submitted:	01/20/2021 @ 02:01 PM
Test:	Residual Solvents	Started:	1/25/2021
Method:	TM04	Reported:	1/25/2021


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	118 - 2361	*ND
Butanes (Isobutane, n-Butane)	233 - 4654	*ND
Methanol	65 - 1309	*ND
Pentane	115 - 2296	*ND
Ethanol	108 - 2152	*ND
Acetone	107 - 2147	*ND
Isopropyl Alcohol	103 - 2061	*ND
Hexane	7 - 134	*ND
Ethyl Acetate	106 - 2114	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	110 - 2193	*ND
Toluene	18 - 357	*ND
Xylenes (m,p,o-Xylenes)	123 - 2463	*ND

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


NOTES:
N/A

FINAL APPROVAL



Tyler Wiese
25-Jan-2021
8:14 PM

PREPARED BY / DATE



Greg Zimpfer
25-Jan-2021
8:26 PM

APPROVED BY / DATE

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