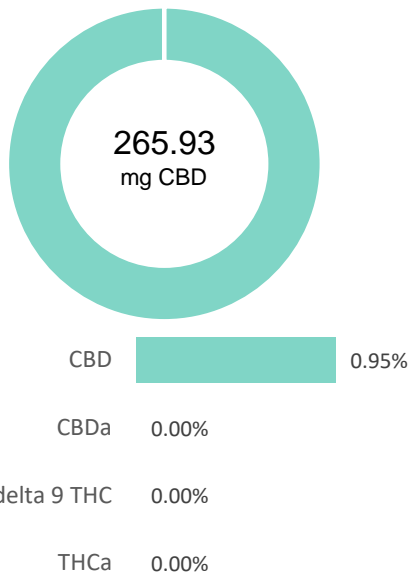


Willie's Tincture, 250 mg, BB 12/1/21

Batch ID:	2874-006-250	Test ID:	T000120102
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)	3.80	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	4.29	ND	ND
Cannabidiolic acid (CBDA)	4.42	ND	ND
Cannabidiol (CBD)	4.31	265.93	9.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	4.72	ND	ND
Cannabinolic Acid (CBNA)	2.70	ND	ND
Cannabinol (CBN)	1.24	ND	ND
Cannabigerolic acid (CBGA)	3.96	ND	ND
Cannabigerol (CBG)	0.95	9.61	0.3
Tetrahydrocannabivarinic Acid (THCVA)	3.35	ND	ND
Tetrahydrocannabivarin (THCV)	0.86	ND	ND
Cannabidivarinic Acid (CBDVA)	1.85	ND	ND
Cannabidivarin (CBDV)	1.02	ND	ND
Cannabichromenic Acid (CBCA)	1.53	ND	ND
Cannabichromene (CBC)	1.67	2.79	0.1
Total Cannabinoids		278.33	9.9
Total Potential THC**		ND	ND
Total Potential CBD**		265.93	9.5

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, 250 mg, BB 12/1/21

Batch ID:	2874-006-250	Test ID:	T000120104
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

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

Willie's Tincture, 250 mg, BB 12/1/21

Batch ID:	2874-006-250	Test ID:	T000120103
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	43 - 2498	ND*	Malathion	304 - 2498	ND*
Acetamiprid	43 - 2498	ND*	Metalaxyl	48 - 2498	ND*
Abamectin	>312	ND*	Methiocarb	46 - 2498	ND*
Azoxystrobin	44 - 2498	ND*	Methomyl	46 - 2498	ND*
Bifenazate	37 - 2498	ND*	MGK 264 1	181 - 2498	ND*
Boscalid	49 - 2498	ND*	MGK 264 2	123 - 2498	ND*
Carbaryl	44 - 2498	ND*	Myclobutanil	42 - 2498	ND*
Carbofuran	42 - 2498	ND*	Naled	51 - 2498	ND*
Chlorantraniliprole	44 - 2498	ND*	Oxamyl	46 - 2498	ND*
Chlorpyrifos	58 - 2498	ND*	Paclobutrazol	44 - 2498	ND*
Clofentezine	303 - 2498	ND*	Permethrin	313 - 2498	ND*
Diazinon	305 - 2498	ND*	Phosmet	46 - 2498	ND*
Dichlorvos	>289	ND*	Prophos	302 - 2498	ND*
Dimethoate	45 - 2498	ND*	Propoxur	45 - 2498	ND*
E-Fenpyroximate	300 - 2498	ND*	Pyridaben	298 - 2498	ND*
Etofenprox	41 - 2498	ND*	Spinosad A	30 - 2498	ND*
Etoxazole	296 - 2498	ND*	Spinosad D	81 - 2498	ND*
Fenoxycarb	>47	ND*	Spiromesifen	>280	ND*
Fipronil	28 - 2498	ND*	Spirotetramat	>302	ND*
Flonicamid	53 - 2498	ND*	Spiroxamine 1	21 - 2498	ND*
Fludioxonil	>318	ND*	Spiroxamine 2	24 - 2498	ND*
Hexythiazox	43 - 2498	ND*	Tebuconazole	295 - 2498	ND*
Imazalil	294 - 2498	ND*	Thiacloprid	46 - 2498	ND*
Imidacloprid	47 - 2498	ND*	Thiamethoxam	47 - 2498	ND*
Kresoxim-methyl	51 - 2498	ND*	Trifloxystrobin	44 - 2498	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, 250 mg, BB 12/1/21

Batch ID:	2874-006-250	Test ID:	T000120105
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	0.077 - 7.72	ND
Cadmium	0.072 - 7.20	ND
Mercury	0.073 - 7.35	ND
Lead	0.089 - 8.90	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, 250 mg, BB 12/1/21

Batch ID:	2874-006-250	Test ID:	T000120106
Type:	Concentrate	Submitted:	01/20/2021 @ 02:01 PM
Test:	Residual Solvents	Started:	1/25/2021
Method:	TM04	Reported:	1/25/2021

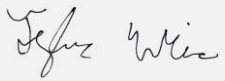
RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	120 - 2393	*ND
Butanes (Isobutane, n-Butane)	236 - 4716	*ND
Methanol	66 - 1326	*ND
Pentane	116 - 2326	*ND
Ethanol	109 - 2181	*ND
Acetone	109 - 2175	*ND
Isopropyl Alcohol	104 - 2088	*ND
Hexane	7 - 136	*ND
Ethyl Acetate	107 - 2142	*ND
Benzene	0.2 - 4.3	*ND
Heptanes	111 - 2222	*ND
Toluene	18 - 362	*ND
Xylenes (m,p,o-Xylenes)	125 - 2496	*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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