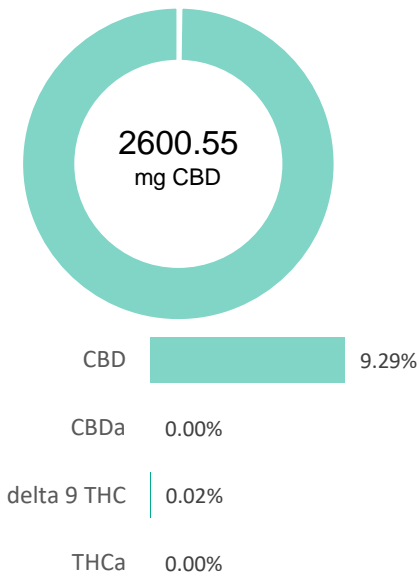


Willie's Tincture, 2500 mg, BB 12/1/21

Batch ID:	2874-006-2500	Test ID:	T000120117
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)	3.84	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	4.33	5.71	0.2
Cannabidiolic acid (CBDA)	4.47	ND	ND
Cannabidiol (CBD)	4.36	2600.55	92.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	4.77	ND	ND
Cannabinolic Acid (CBNA)	2.73	ND	ND
Cannabinol (CBN)	1.25	2.25	0.1
Cannabigerolic acid (CBGA)	4.00	ND	ND
Cannabigerol (CBG)	0.96	82.83	3.0
Tetrahydrocannabivarinic Acid (THCVA)	3.39	ND	ND
Tetrahydrocannabivarin (THCV)	0.87	ND	ND
Cannabidivarinic Acid (CBDVA)	1.87	ND	ND
Cannabidivarin (CBDV)	1.03	11.07	0.4
Cannabichromenic Acid (CBCA)	1.54	ND	ND
Cannabichromene (CBC)	1.69	26.01	0.9
Total Cannabinoids		2728.42	97.4
Total Potential THC**		5.71	0.2
Total Potential CBD**		2600.55	92.9

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, 2500 mg, BB 12/1/21


Batch ID:	2874-006-2500	Test ID:	T000120119
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

PREPARED BY / DATE


Greg Zimpfer
25-Jan-2021
4:44 PM

APPROVED BY / DATE

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Certificate #4329.03

Willie's Tincture, 2500 mg, BB 12/1/21


Batch ID:	2874-006-2500	Test ID:	T000120118
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	42 - 2407	ND*	Malathion	293 - 2407	ND*
Acetamiprid	41 - 2407	ND*	Metalaxyl	47 - 2407	ND*
Abamectin	>301	ND*	Methiocarb	45 - 2407	ND*
Azoxystrobin	43 - 2407	ND*	Methomyl	44 - 2407	ND*
Bifenazate	36 - 2407	ND*	MGK 264 1	174 - 2407	ND*
Boscalid	47 - 2407	ND*	MGK 264 2	118 - 2407	ND*
Carbaryl	42 - 2407	ND*	Myclobutanil	41 - 2407	ND*
Carbofuran	40 - 2407	ND*	Naled	49 - 2407	ND*
Chlorantraniliprole	42 - 2407	ND*	Oxamyl	44 - 2407	ND*
Chlorpyrifos	56 - 2407	ND*	Paclobutrazol	43 - 2407	ND*
Clofentezine	292 - 2407	ND*	Permethrin	302 - 2407	ND*
Diazinon	294 - 2407	ND*	Phosmet	44 - 2407	ND*
Dichlorvos	>278	ND*	Prophos	291 - 2407	ND*
Dimethoate	43 - 2407	ND*	Propoxur	43 - 2407	ND*
E-Fenpyroximate	289 - 2407	ND*	Pyridaben	287 - 2407	ND*
Etofenprox	39 - 2407	ND*	Spinosad A	29 - 2407	ND*
Etoxazole	285 - 2407	ND*	Spinosad D	78 - 2407	ND*
Fenoxycarb	>45	ND*	Spiromesifen	>269	ND*
Fipronil	27 - 2407	ND*	Spirotetramat	>291	ND*
Flonicamid	51 - 2407	ND*	Spiroxamine 1	20 - 2407	ND*
Fludioxonil	>306	ND*	Spiroxamine 2	23 - 2407	ND*
Hexythiazox	42 - 2407	ND*	Tebuconazole	284 - 2407	ND*
Imazalil	283 - 2407	ND*	Thiacloprid	45 - 2407	ND*
Imidacloprid	45 - 2407	ND*	Thiamethoxam	45 - 2407	ND*
Kresoxim-methyl	49 - 2407	ND*	Trifloxystrobin	43 - 2407	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, 2500 mg, BB 12/1/21

Batch ID:	2874-006-2500	Test ID:	T000120120
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	0.086 - 8.56	ND
Cadmium	0.080 - 7.99	ND
Mercury	0.081 - 8.15	ND
Lead	0.099 - 9.87	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, 2500 mg, BB 12/1/21

Batch ID:	2874-006-2500	Test ID:	T000120121
Type:	Concentrate	Submitted:	01/20/2021 @ 02:01 PM
Test:	Residual Solvents	Started:	1/25/2021
Method:	TM04	Reported:	1/25/2021

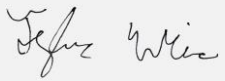
RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	118 - 2353	*ND
Butanes (Isobutane, n-Butane)	232 - 4638	*ND
Methanol	65 - 1304	*ND
Pentane	114 - 2288	*ND
Ethanol	107 - 2145	*ND
Acetone	107 - 2139	*ND
Isopropyl Alcohol	103 - 2054	*ND
Hexane	7 - 134	*ND
Ethyl Acetate	105 - 2107	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	109 - 2185	*ND
Toluene	18 - 356	*ND
Xylenes (m,p,o-Xylenes)	123 - 2454	*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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