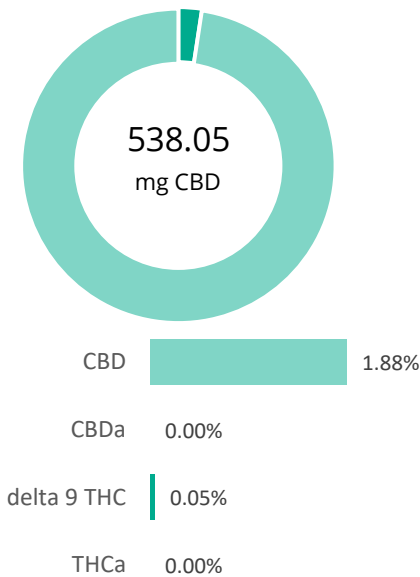


500mg/oz FSO Orange Tinture

Batch ID:	12868-02	Test ID:	T000137197
Type:	Unit	Submitted:	04/26/2021 @ 04:11 PM
Test:	Potency	Started:	4/28/2021
Method:	TM14	Reported:	4/29/2021

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	4.21	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	4.75	13.22	0.5
Cannabidiolic acid (CBDA)	4.49	ND	ND
Cannabidiol (CBD)	4.38	538.05	18.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	5.23	ND	ND
Cannabinolic Acid (CBNA)	3.00	ND	ND
Cannabinol (CBN)	1.37	ND	ND
Cannabigerolic acid (CBGA)	4.39	ND	ND
Cannabigerol (CBG)	1.05	6.11	0.2
Tetrahydrocannabivarinic Acid (THCVA)	3.71	ND	ND
Tetrahydrocannabivarin (THCV)	0.96	ND	ND
Cannabidivarinic Acid (CBDVA)	1.87	ND	ND
Cannabidivarin (CBDV)	1.04	1.27	0.0
Cannabichromenic Acid (CBCA)	1.69	ND	ND
Cannabichromene (CBC)	1.85	29.38	1.0
Total Cannabinoids		588.03	20.5
Total Potential THC**		13.22	0.5
Total Potential CBD**		538.05	18.8

% = % (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:

of Servings = 1, Sample Weight=28.67g

FINAL APPROVAL


 Taylor Brevik
 29-Apr-2021
 2:49 PM

PREPARED BY / DATE


 Daniel Weidensaul
 29-Apr-2021
 2:50 PM

APPROVED BY / DATE

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Certificate #4329.02

CBD Distillate

Batch ID:	D21068-M2	Test ID:	T000128930
Type:	Concentrate	Submitted:	03/11/2021 @ 11:00 AM
Test:	Pesticides	Started:	3/12/2021
Method:	TM17	Reported:	3/15/2021


PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	39 - 2167	ND*	Malathion	254 - 2167	ND*
Acetamiprid	40 - 2167	ND*	Metalaxyl	31 - 2167	ND*
Abamectin	>281	ND*	Methiocarb	36 - 2167	ND*
Azoxystrobin	56 - 2167	ND*	Methomyl	42 - 2167	ND*
Bifenazate	38 - 2167	ND*	MGK 264 1	165 - 2167	ND*
Boscalid	45 - 2167	ND*	MGK 264 2	125 - 2167	ND*
Carbaryl	34 - 2167	ND*	Myclobutanil	33 - 2167	ND*
Carbofuran	36 - 2167	ND*	Naled	42 - 2167	ND*
Chlorantraniliprole	51 - 2167	ND*	Oxamyl	41 - 2167	ND*
Chlorpyrifos	59 - 2167	ND*	Paclobutrazol	41 - 2167	ND*
Clofentezine	255 - 2167	ND*	Permethrin	254 - 2167	ND*
Diazinon	297 - 2167	ND*	Phosmet	32 - 2167	ND*
Dichlorvos	>251	ND*	Prophos	244 - 2167	ND*
Dimethoate	35 - 2167	ND*	Propoxur	38 - 2167	ND*
E-Fenpyroximate	282 - 2167	ND*	Pyridaben	256 - 2167	ND*
Etofenprox	40 - 2167	ND*	Spinosad A	27 - 2167	ND*
Etoxadole	256 - 2167	ND*	Spinosad D	76 - 2167	ND*
Fenoxycarb	>39	ND*	Spiromesifen	>200	ND*
Fipronil	66 - 2167	ND*	Spirotetramat	>302	ND*
Fonicamid	39 - 2167	ND*	Spiroxamine 1	15 - 2167	ND*
Fludioxonil	>241	ND*	Spiroxamine 2	19 - 2167	ND*
Hexythiazox	44 - 2167	ND*	Tebuconazole	251 - 2167	ND*
Imazalil	253 - 2167	ND*	Thiacloprid	38 - 2167	ND*
Imidacloprid	37 - 2167	ND*	Thiamethoxam	36 - 2167	ND*
Kresoxim-methyl	75 - 2167	ND*	Trifloxystrobin	35 - 2167	ND*

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

N/A

FINAL APPROVAL

 **Sam Smith**
 15-Mar-2021
 10:23 AM

 **Mike Branvold**
 15-Mar-2021
 12:16 PM

PREPARED BY / DATE

APPROVED BY / DATE

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CBD Distillate


Batch ID:	D21068-M2	Test ID:	T000128932
Type:	Concentrate	Submitted:	03/11/2021 @ 11:00 AM
Test:	Metals	Started:	3/16/2021
Method:	TM19	Reported:	3/17/2021

HEAVY METALS


Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.082 - 8.17	ND
Cadmium	0.080 - 8.03	ND
Mercury	0.081 - 8.12	ND
Lead	0.088 - 8.82	ND

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

FINAL APPROVAL


Daniel Weidensaul
17-Mar-2021
12:16 PM

PREPARED BY / DATE


Ben Minton
17-Mar-2021
3:58 PM

APPROVED BY / DATE

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CBD Distillate

Batch ID:	D21068-M2	Test ID:	T000128933
Type:	Concentrate	Submitted:	03/11/2021 @ 11:00 AM
Test:	Residual Solvents	Started:	3/11/2021
Method:	TM04	Reported:	3/11/2021


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	111 - 2228	*ND
Butanes (Isobutane, n-Butane)	216 - 4317	*ND
Methanol	61 - 1230	*ND
Pentane	106 - 2120	*ND
Ethanol	108 - 2159	*ND
Acetone	103 - 2051	*ND
Isopropyl Alcohol	105 - 2105	*ND
Hexane	6 - 124	*ND
Ethyl Acetate	103 - 2068	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	104 - 2071	*ND
Toluene	19 - 371	*ND
Xylenes (m,p,o-Xylenes)	134 - 2681	*ND

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

NOTES:
N/A

FINAL APPROVAL


Ryan Weems
11-Mar-2021
4:00 PM
PREPARED BY / DATE
Ben Minton
11-Mar-2021
5:19 PM
APPROVED BY / DATE

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Certificate #4329.02

CBD Distillate

Batch ID:	D21068-M2	Test ID:	T000128931
Type:	Concentrate	Submitted:	03/11/2021 @ 11:00 AM
Test:	Microbial Contaminants	Started:	3/11/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	3/15/2021

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


Sarah Henning
15-Mar-2021
6:48 PM
Mike Branvold
15-Mar-2021
8:58 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03