

CBN 012421

Batch ID:		Test ID:	T000120984
Type:	Concentrate	Submitted:	01/25/2021 @ 04:35 PM
Test:	Potency	Started:	1/27/2021
Method:	TM14	Reported:	1/28/2021

CANNABINOID PROFILE

		Compound	LOQ (%)	Result (%)	Result (mg/g)
		Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.51	ND	ND
		Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.58	ND	ND
		Cannabidiolic acid (CBDA)	0.41	ND	ND
		Cannabidiol (CBD)	0.40	ND	ND
		Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.64	ND	ND
		Cannabinolic Acid (CBNA)	0.37	ND	ND
		Cannabinol (CBN)	0.17	98.82	988.2
		Cannabigerolic acid (CBGA)	0.54	ND	ND
		Cannabigerol (CBG)	0.13	ND	ND
		Tetrahydrocannabivarinic Acid (THCVA)	0.45	ND	ND
		Tetrahydrocannabivarin (THCV)	0.12	ND	ND
		Cannabidivarinic Acid (CBDVA)	0.17	ND	ND
		Cannabidivarin (CBDV)	0.09	ND	ND
		Cannabichromenic Acid (CBCA)	0.21	ND	ND
		Cannabichromene (CBC)	0.23	ND	ND
		Total Cannabinoids		98.82	988.2
		Total Potential THC**		ND	ND
		Total Potential CBD**		ND	ND
98.82%	Total Cannabinoids*				
CBD	0.00%				
CBDA	0.00%				
delta 9 THC	0.00%				
THCa	0.00%				

% = % (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

 Mara Miller 28-Jan-2021 4:23 PM	 Ben Minton 28-Jan-2021 4:55 PM
PREPARED BY / DATE	APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

CBN 012421

Batch ID:		Test ID:	T000120987
Type:	Concentrate	Submitted:	01/25/2021 @ 04:35 PM
Test:	Residual Solvents	Started:	1/28/2021
Method:	TM04	Reported:	1/29/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	99 - 1979	*ND
Butanes (Isobutane, n-Butane)	191 - 3813	*ND
Methanol	60 - 1193	*ND
Pentane	95 - 1902	*ND
Ethanol	105 - 2107	*ND
Acetone	97 - 1939	*ND
Isopropyl Alcohol	106 - 2113	*ND
Hexane	6 - 115	*ND
Ethyl Acetate	100 - 1998	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	95 - 1905	*ND
Toluene	18 - 368	*ND
Xylenes (m,p,o-Xylenes)	140 - 2801	*ND


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

NOTES:
N/A

FINAL APPROVAL


Ryan Weems
29-Jan-2021
10:01 AM

PREPARED BY / DATE


Ben Minton
29-Jan-2021
2:55 PM

APPROVED BY / DATE

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Certificate #4329.02

CBN 012421


Batch ID:		Test ID:	T000120985
Type:	Concentrate	Submitted:	01/25/2021 @ 04:35 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 - 2424	ND*	Malathion	295 - 2424	ND*
Acetamiprid	41 - 2424	ND*	Metalaxyl	47 - 2424	ND*
Abamectin	>303	ND*	Methiocarb	45 - 2424	ND*
Azoxystrobin	43 - 2424	ND*	Methomyl	44 - 2424	ND*
Bifenazate	36 - 2424	ND*	MGK 264 1	175 - 2424	ND*
Boscalid	48 - 2424	ND*	MGK 264 2	119 - 2424	ND*
Carbaryl	42 - 2424	ND*	Myclobutanil	41 - 2424	ND*
Carbofuran	40 - 2424	ND*	Naled	50 - 2424	ND*
Chlorantraniliprole	42 - 2424	ND*	Oxamyl	44 - 2424	ND*
Chlorpyrifos	56 - 2424	ND*	Paclobutrazol	43 - 2424	ND*
Clofentezine	294 - 2424	ND*	Permethrin	304 - 2424	ND*
Diazinon	296 - 2424	ND*	Phosmet	44 - 2424	ND*
Dichlorvos	>280	ND*	Prophos	293 - 2424	ND*
Dimethoate	44 - 2424	ND*	Propoxur	43 - 2424	ND*
E-Fenpyroximate	291 - 2424	ND*	Pyridaben	289 - 2424	ND*
Etofenprox	40 - 2424	ND*	Spinosad A	29 - 2424	ND*
Etoxazole	287 - 2424	ND*	Spinosad D	79 - 2424	ND*
Fenoxycarb	>45	ND*	Spiromesifen	>271	ND*
Fipronil	27 - 2424	ND*	Spirotetramat	>293	ND*
Flonicamid	51 - 2424	ND*	Spiroxamine 1	20 - 2424	ND*
Fludioxonil	>309	ND*	Spiroxamine 2	23 - 2424	ND*
Hexythiazox	42 - 2424	ND*	Tebuconazole	286 - 2424	ND*
Imazalil	285 - 2424	ND*	Thiacloprid	45 - 2424	ND*
Imidacloprid	46 - 2424	ND*	Thiamethoxam	45 - 2424	ND*
Kresoxim-methyl	50 - 2424	ND*	Trifloxystrobin	43 - 2424	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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CBN 012421

Batch ID:	N/A	Test ID:	T000120986
Type:	Concentrate	Submitted:	01/25/2021 @ 04:35 PM
Test:	Metals	Started:	1/28/2021
Method:	TM19	Reported:	2/1/2021

HEAVY METALS


Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.067 - 6.73	ND
Cadmium	0.068 - 6.77	ND
Mercury	0.070 - 7.05	ND
Lead	0.065 - 6.52	ND

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

FINAL APPROVAL

Ryan Weems
1-Feb-2021
2:19 PM

PREPARED BY / DATE



Ben Minton
1-Feb-2021
3:37 PM

APPROVED BY / DATE

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