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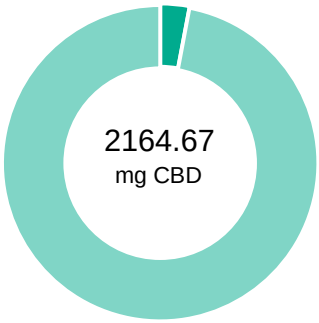
CERTIFICATE OF ANALYSIS

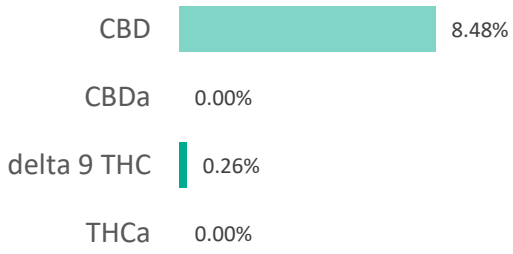
prepared for: ARBOR BOTANICALS LLC
605 S MAPLE ST
ANN ARBOR, MI 48103

MR 2000

Batch ID:	30	**Test ID:**	T000101504
Type:	Unit	**Submitted:**	10/07/2020 @ 11:27 AM
Test:	Potency	**Started:**	10/8/2020
Method:	TM14	**Reported:**	10/9/2020

CANNABINOID PROFILE





Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	22.00	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	10.78	65.65	2.6
Cannabidiolic acid (CBDA)	5.37	ND	ND
Cannabidiol (CBD)	11.46	2164.67	84.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	11.76	ND	ND
Cannabinolic Acid (CBNA)	30.51	ND	ND
Cannabinol (CBN)	13.37	ND	ND
Cannabigerolic acid (CBGA)	19.21	ND	ND
Cannabigerol (CBG)	10.76	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	18.75	ND	ND
Tetrahydrocannabivarin (THCV)	9.60	ND	ND
Cannabidivarinic Acid (CBDVA)	5.16	ND	ND
Cannabidivarin (CBDV)	2.78	6.60	0.3
Cannabichromenic Acid (CBCA)	16.87	ND	ND
Cannabichromene (CBC)	19.51	ND	ND
Total Cannabinoids		**2236.92**	**87.6**
Total Potential THC**		65.65	2.6
Total Potential CBD**		2164.67	84.8

% = % (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.
Total THC = THC + (THCa *(0.877)) and
Total CBD = CBD + (CBDa *(0.877))
ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
# of Servings = 1, Sample Weight=25.54g

N/A

FINAL APPROVAL

Daniel Weidensaul
9-Oct-2020
5:40 PM
PREPARED BY / DATE

Ben Minton
9-Oct-2020
5:56 PM
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

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CERTIFICATE OF ANALYSIS

prepared for: ARBOR BOTANICALS LLC
605 S MAPLE ST
ANN ARBOR, MI 48103

ZSP2

Batch ID:	Others	**Test ID:**	T000093970
Reported:	3-Sep-2020	**Method:**	TM19
Type:	Concentrate		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.065 - 6.47	ND
Cadmium	0.064 - 6.38	ND
Mercury	0.067 - 6.72	ND
Lead	0.065 - 6.50	ND

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

FINAL APPROVAL

Ryan Weems
3-Sep-2020
4:44 PM

PREPARED BY / DATE

Ben Minton
3-Sep-2020
5:07 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: ARBOR BOTANICALS LLC
605 S MAPLE ST
ANN ARBOR, MI 48103

ZSP2

Batch ID:	Microbes	**Test ID:**	T000093971
Reported:	6-Sep-2020	**Method:**	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count	None Detected
Total Coliforms	None Detected
Total Yeast and Molds	None Detected
E. coli	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
6-Sep-2020
1:33 PM
PREPARED BY / DATE

Greg Zimpfer
6-Sep-2020
3:52 PM
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 4329.03

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CERTIFICATE OF ANALYSIS

prepared for: ARBOR BOTANICALS LLC
605 S MAPLE ST
ANN ARBOR, MI 48103

ZSP2

Batch ID:	OTHERS	**Test ID:**	T000093968
Reported:	4-Sep-2020	**Method:**	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	81 - 1625	*ND
Butanes (Isobutane, n-Butane)	167 - 3339	*ND
Methanol	67 - 1339	*ND
Pentane	97 - 1932	*ND
Ethanol	95 - 1897	*ND
Acetone	109 - 2182	*ND
Isopropyl Alcohol	113 - 2262	*ND
Hexane	7 - 132	*ND
Ethyl Acetate	110 - 2197	*ND
Benzene	0.2 - 4.4	*ND
Heptanes	103 - 2052	*ND
Toluene	20 - 398	*ND
Xylenes (m,p,o-Xylenes)	144 - 2890	*ND

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

NOTES:
N/A

FINAL APPROVAL

Daniel Weidensaul
4-Sep-2020
4:15 PM

PREPARED BY / DATE

Scott Hansen
4-Sep-2020
5:18 PM

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

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CERTIFICATE OF ANALYSIS

prepared for: ARBOR BOTANICALS LLC
605 S MAPLE ST
ANN ARBOR, MI 48103

ZSP2

Batch ID:	Others	**Test ID:**	T000093969
Reported:	8-Sep-2020	**Method:**	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	42 - 2360	ND*
Acetamiprid	38 - 2360	ND*
Abamectin	>328	ND*
Azoxystrobin	39 - 2360	ND*
Bifenazate	41 - 2360	ND*
Boscalid	45 - 2360	ND*
Carbaryl	39 - 2360	ND*
Carbofuran	41 - 2360	ND*
Chlorantraniliprole	42 - 2360	ND*
Chlorpyrifos	51 - 2360	ND*
Clofentezine	265 - 2360	ND*
Diazinon	272 - 2360	ND*
Dichlorvos	>233	ND*
Dimethoate	39 - 2360	ND*
E-Fenpyroximate	286 - 2360	ND*
Etofenprox	42 - 2360	ND*
Etoxazole	288 - 2360	ND*
Fenoxycarb	>37	ND*
Fipronil	57 - 2360	ND*
Flonicamid	46 - 2360	ND*
Fludioxonil	>285	ND*
Hexythiazox	39 - 2360	ND*
Imazalil	254 - 2360	ND*
Imidacloprid	37 - 2360	ND*
Kresoxim-methyl	38 - 2360	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	265 - 2360	ND*
Metalaxyl	39 - 2360	ND*
Methiocarb	39 - 2360	ND*
Methomyl	42 - 2360	ND*
MGK 264 1	150 - 2360	ND*
MGK 264 2	112 - 2360	ND*
Myclobutanil	39 - 2360	ND*
Naled	37 - 2360	ND*
Oxamyl	39 - 2360	ND*
Paclobutrazol	42 - 2360	ND*
Permethrin	284 - 2360	ND*
Phosmet	40 - 2360	ND*
Prophos	297 - 2360	ND*
Propoxur	39 - 2360	ND*
Pyridaben	290 - 2360	ND*
Spinosad A	28 - 2360	ND*
Spinosad D	76 - 2360	ND*
Spiromesifen	>276	ND*
Spirotetramat	>275	ND*
Spiroxamine 1	17 - 2360	ND*
Spiroxamine 2	22 - 2360	ND*
Tebuconazole	285 - 2360	ND*
Thiacloprid	41 - 2360	ND*
Thiamethoxam	41 - 2360	ND*
Trifloxystrobin	42 - 2360	ND*

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

N/A

Certificate reissued upon further laboratory review

FINAL APPROVAL

Tyler Wiese
8-Sep-2020
4:51 PM

PREPARED BY / DATE

Ben Minton
8-Sep-2020
6:03 PM

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.