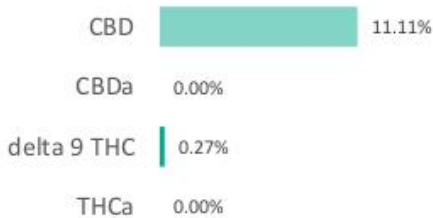
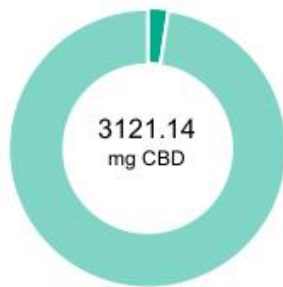


AA 3000-2

Batch ID: 29	Test ID: T000101503
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)	24.04	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	11.78	77.13	2.7
Cannabidiolic acid (CBDA)	5.87	ND	ND
Cannabidiol (CBD)	12.52	3121.14	111.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	12.85	ND	ND
Cannabinolic Acid (CBNA)	33.34	ND	ND
Cannabinol (CBN)	14.61	ND	ND
Cannabigerolic acid (CBGA)	20.99	ND	ND
Cannabigerol (CBG)	11.76	12.41	0.4
Tetrahydrocannabivarinic Acid (THCVA)	20.49	ND	ND
Tetrahydrocannabivarin (THCV)	10.49	ND	ND
Cannabidivarinic Acid (CBDVA)	5.64	ND	ND
Cannabidivarin (CBDV)	3.04	11.75	0.4
Cannabichromenic Acid (CBCA)	18.44	ND	ND
Cannabichromene (CBC)	21.32	ND	ND
Total Cannabinoids		3222.43	114.7
Total Potential THC**		77.13	2.7
Total Potential CBD**		3121.14	111.1

% = % (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=28.1g

N/A

FINAL APPROVAL

 Daniel Weidensaul 9-Oct-2020 5:40 PM	 Ben Minton 9-Oct-2020 5:56 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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ZSP3

Batch ID:	Others	Test ID:	T000098148
Reported:	25-Sep-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	42 - 2477	ND*	Malathion	286 - 2477	ND*
Acetamiprid	41 - 2477	ND*	Metalaxyl	48 - 2477	ND*
Abamectin	>263	ND*	Methiocarb	42 - 2477	ND*
Azoxystrobin	45 - 2477	ND*	Methomyl	43 - 2477	ND*
Bifenazate	47 - 2477	ND*	MGK 264 1	160 - 2477	ND*
Boscalid	44 - 2477	ND*	MGK 264 2	118 - 2477	ND*
Carbaryl	43 - 2477	ND*	Myclobutanil	47 - 2477	ND*
Carbofuran	38 - 2477	ND*	Naled	42 - 2477	ND*
Chlorantraniliprole	41 - 2477	ND*	Oxamyl	43 - 2477	ND*
Chlorpyrifos	40 - 2477	ND*	Paclobutrazol	44 - 2477	ND*
Clofentezine	291 - 2477	ND*	Permethrin	285 - 2477	ND*
Diazinon	289 - 2477	ND*	Phosmet	47 - 2477	ND*
Dichlorvos	>263	ND*	Prophos	271 - 2477	ND*
Dimethoate	41 - 2477	ND*	Propoxur	40 - 2477	ND*
E-Fenpyroximate	298 - 2477	ND*	Pyridaben	296 - 2477	ND*
Etofenprox	43 - 2477	ND*	Spinosad A	30 - 2477	ND*
Etoxazole	295 - 2477	ND*	Spinosad D	83 - 2477	ND*
Fenoxycarb	>44	ND*	Spiromesifen	>269	ND*
Fipronil	49 - 2477	ND*	Spirotetramat	>284	ND*
Fonicamid	44 - 2477	ND*	Spiroxamine 1	17 - 2477	ND*
Fludioxonil	>267	ND*	Spiroxamine 2	22 - 2477	ND*
Hexythiazox	35 - 2477	ND*	Tebuconazole	273 - 2477	ND*
Imazalil	281 - 2477	ND*	Thiacloprid	43 - 2477	ND*
Imidacloprid	40 - 2477	ND*	Thiamethoxam	44 - 2477	ND*
Kresoxim-methyl	45 - 2477	ND*	Trifloxystrobin	41 - 2477	ND*

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

N/A

FINAL APPROVAL


 Sam Smith
25-Sep-2020
2:31 PM



 Ben Minton
25-Sep-2020
4:39 PM

PREPARED BY / DATE

APPROVED BY / DATE

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ZSP3

Batch ID:	Others	Test ID:	T000098149
Reported:	28-Sep-2020	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.081 - 8.08	ND
Cadmium	0.076 - 7.59	ND
Mercury	0.077 - 7.73	ND
Lead	0.104 - 10.40	ND

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

FINAL APPROVAL



Ryan Weems
28-Sep-2020
5:51 PM

PREPARED BY / DATE



Greg Zimpfer
28-Sep-2020
5:53 PM

APPROVED BY / DATE

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ZSP3

Batch ID:	OTHERS	Test ID:	T000098147
Reported:	25-Sep-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	58 - 1161	*ND
Butanes (Isobutane, n-Butane)	124 - 2474	*ND
Methanol	49 - 988	*ND
Pentane	67 - 1339	*ND
Ethanol	68 - 1358	*ND
Acetone	79 - 1580	*ND
Isopropyl Alcohol	83 - 1651	*ND
Hexane	5 - 96	*ND
Ethyl Acetate	80 - 1610	*ND
Benzene	0.2 - 3.2	*ND
Heptanes	75 - 1508	*ND
Toluene	15 - 293	*ND
Xylenes (m,p,o-Xylenes)	106 - 2123	*ND

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


NOTES:

N/A

FINAL APPROVAL

 Ryan Weems
 25-Sep-2020
 12:58 PM

PREPARED BY / DATE


 Greg Zimpfer
 25-Sep-2020
 1:58 PM

APPROVED BY / DATE

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Certificate #4329.02

ZSP3

Batch ID:	Microbes	Test ID:	T000098150
Reported:	27-Sep-2020	Method:	TM24, TM25, TM26, TM27, TM28
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	Absent
STEC and 0157 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
27-Sep-2020
2:55 PMGreg Zimpfer
27-Sep-2020
8:47 PM

PREPARED BY / DATE

APPROVED BY / DATE

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