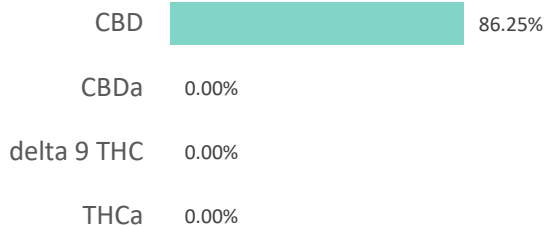
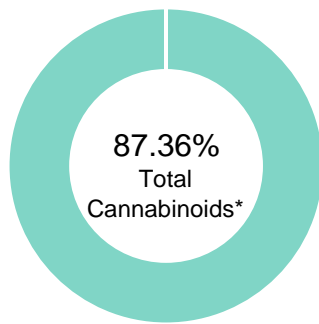


THC Free Distillate-2

Batch ID:	AS 10.8	Test ID:	8980573.0035
Reported:	16-Oct-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.20	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.10	0.00	0.0
Cannabidiolic acid (CBDA)	0.26	0.00	0.0
Cannabidiol (CBD)	0.14	86.25	862.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.11	0.00	0.0
Cannabinolic Acid (CBNA)	0.27	0.00	0.0
Cannabinol (CBN)	0.12	0.53	5.3
Cannabigerolic acid (CBGA)	0.17	0.00	0.0
Cannabigerol (CBG)	0.10	0.58	5.8
Tetrahydrocannabivarinic Acid (THCVA)	0.17	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.09	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.24	0.00	0.0
Cannabidivarin (CBDV)	0.13	0.00	0.0
Cannabichromenic Acid (CBCA)	0.15	0.00	0.0
Cannabichromene (CBC)	0.18	0.00	0.0
Total Cannabinoids		87.36	873.60
Total Potential THC**		0.00	0.00
Total Potential CBD**		86.25	862.50

NOTES:


N/A


% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$
FINAL APPROVAL


 Alex Smith
 16-Oct-2019
 4:57 PM
 PREPARED BY / DATE


 David Green
 16-Oct-2019
 7:16 PM
 APPROVED BY / DATE

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THC Free Distillate

Batch ID:	AS 10.8	Test ID:	3161802.010
Reported:	16-Oct-2019	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	0
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

NOTES:

Free from visual mold, mildew, and foreign matter.

FINAL APPROVAL



 Alex Smith
 16-Oct-2019
 3:16 PM



 David Green
 16-Oct-2019
 3:28 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

THC Free Distillate

Batch ID:	AS 10.8	Test ID:	5814726.0025
Reported:	21-Oct-2019	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	47 - 2170	ND*	Malathion	47 - 2170	ND*
Acetamiprid	47 - 2170	ND*	Metalaxyl	281 - 2170	ND*
Avermectin	281 - 2170	ND*	Methiocarb	47 - 2170	ND*
Azoxystrobin	47 - 2170	ND*	Methomyl	47 - 2170	ND*
Bifenazate	47 - 2170	ND*	MGK 264 1	47 - 2170	ND*
Boscalid	281 - 2170	ND*	MGK 264 2	281 - 2170	ND*
Carbaryl	47 - 2170	ND*	Myclobutanil	281 - 2170	ND*
Carbofuran	47 - 2170	ND*	Naled	281 - 2170	ND*
Chlorantraniliprole	47 - 2170	ND*	Oxamyl	47 - 2170	ND*
Chlorpyrifos	281 - 2170	ND*	Paclobutrazol	47 - 2170	ND*
Clofentezine	47 - 2170	ND*	Permethrin	281 - 2170	ND*
Diazinon	47 - 2170	ND*	Phosmet	47 - 2170	ND*
Dichlorvos	281 - 2170	ND*	Prophos	281 - 2170	ND*
Dimethoate	47 - 2170	ND*	Propoxur	281 - 2170	ND*
E-Fenpyroximate	281 - 2170	ND*	Pyridaben	281 - 2170	ND*
Etofenprox	281 - 2170	ND*	Spinosad A	47 - 2170	ND*
Etoxazole	281 - 2170	ND*	Spinosad D	281 - 2170	ND*
Fenoxycarb	47 - 2170	ND*	Spiromesifen	47 - 2170	ND*
Fipronil	281 - 2170	ND*	Spirotetramat	281 - 2170	ND*
Flonicamid	47 - 2170	ND*	Spiroxamine 1	47 - 2170	ND*
Fludioxonil	281 - 2170	ND*	Spiroxamine 2	47 - 2170	ND*
Hexythiazox	281 - 2170	ND*	Tebuconazole	47 - 2170	ND*
Imazalil	281 - 2170	ND*	Thiacloprid	47 - 2170	ND*
Imidacloprid	47 - 2170	ND*	Thiamethoxam	47 - 2170	ND*
Kresoxim-methyl	47 - 2170	ND*	Trifloxystrobin	281 - 2170	ND*

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

N/A

FINAL APPROVAL


 Chris Jungling
 21-Oct-2019
 12:44 PM
 PREPARED BY / DATE


 David Green
 21-Oct-2019
 1:42 PM
 APPROVED BY / DATE

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THC Free Distillate

Batch ID:	AS 10.8	Test ID:	8901884.012
Reported:	14-Oct-2019	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
<i>E. coli</i>	None Detected
<i>Salmonella</i>	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
14-Oct-2019
3:15 PM



David Green
14-Oct-2019
4:16 PM

PREPARED BY / DATE

APPROVED BY / DATE

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THC Free Distillate

Batch ID:	AS 10.8	Test ID:	T000020568
Reported:	22-Oct-2019	Method:	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Other		
Test:	Metals		

HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	<0.05
Lead	0.05	<0.05
Mercury	0.05	<0.05

FINAL APPROVAL

 Alex Smith
22-Oct-2019
10:18 AM

PREPARED BY / DATE

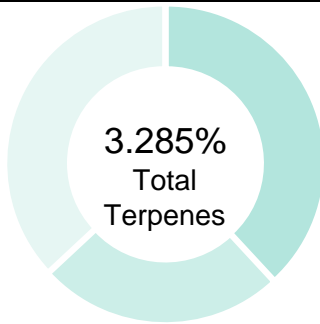
 David Green
22-Oct-2019
12:15 PM

APPROVED BY / DATE

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THC Free Distillate

Batch ID:	AS 10.8	Test ID:	7170438.0010
Reported:	15-Oct-2019	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.976	9.76
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	1.007	10.07
(-)-Caryophyllene Oxide	0.641	6.41
p-Cymene	0.001	0.01
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.659	6.59
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.001	0.01
	3.285%	32.85

PREDOMINANT TERPENES

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.000%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.000%
Linalool	0.000%
beta-Caryophyllene	1.007%
alpha-Humulene	0.659%
(-)-alpha-Bisabolol	0.976%

 NOTES:
0

FINAL APPROVAL

 Daniel Weidensaul 15-Oct-2019 12:13 PM	 David Green 15-Oct-2019 1:03 PM
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PREPARED BY / DATE

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