

### **Residual Solvents Profile**

Customer:	BCBDOO	
Customer Sample ID:	BCO-lso052119	
Laboratory Number:	201905-0757	
<b>Extraction Technician</b>	:CB	
Analytical Chemist:	GB	

Extraction	Analysis
Date(s):	Date(s)
5/24/2019	5/24/2019

<b>Residual Solvent</b>	Results	Limits <sup>1</sup>	Limits <sup>2</sup>
	(ug/g)	(ug/g)	(ug/g)
Propane	<100	100-2000	1000
Isobutane	<100	100-2000	1000
Methanol	<100	100-2000	
Butane	<100	100-2000	1000
Isopropanol	<100	100-2000	1000
Ethanol	<100	100-2000	1000
2-Methyl Butane	<100	100-2000	1000
Acetonitrile	<100	100-2000	
Acetone	<100	100-2000	1000
Pentane	<100	100-2000	1000
Hexane	<50	50-2000	60
Tetrahydrofuran	<100	100-2000	
Benzene	<1	1.0-50	2
Heptane	<100	100-2000	1000
Toluene	<100	100-2000	180
Ethylbenzene	<100	100-2000	
m+p Xylene	<100	100-2000	Total Xylene
o-Xylene	<100	100-2000	430
1,2,3 Trimethylbenzene	<100	100-2000	

1: Calibration Range

2: Limts based on Colorado Code of Regulations 1CCR 212-1.

This report expires 30 days after analysis date.



### Metals/Microbial Profile

Extraction	Analysis
Date(s):	Date(s)
5/23/2019	5/24/2019
	Date(s):

Metals (ICP/MS)		Results
	Method Code	ug/Kg (ppb)
Arsenic (As)	ICPMS.1	<20
Cadmium (Cd)	ICPMS.1	<10
Lead (Pb)	ICPMS.1	<5.0
Mercury (Hg)	ICPMS.1	<5.0

Limits for metals vary greatly depending on usage of the sample. Altitude Consulting recommends researching federal and state regulatory limits. Altitude Consulting, LLC utilizes NIST traceable Reference Standards and Certified Reference Material to calibrate analytical instruments along with proven analytical methods.

The methods are applied in the most ethical manner following good laboratory practice guidelines. The results of this report are based solely on the sample submitted and cannot be reproduced.

		Results	
	Method Code		Units
Salmonella spp.	Salm.1	NA	/1g
Non-O157 STEC*	STEC.1.b	NA	/1g
Listeria monocytogenes	Lmono.2	NA	/1g
Aerobic Plate Count	APC.1a	NA	CFU/g
Total Coliform Bacteria	TCEC.1a	NA	CFU/g
Escherichia coli	TCEC.1a	NA	CFU/g
Staphylococcus aureus	S.aureus.1.a	NA	CFU/g
Yeast & Mold	Y&M.1a	NA	CFU/g

Limits for microbials vary greatly depending on usage of the sample. Altitude Consulting recommends researching federal and state regulatory limits. Altitude Consulting, LLC utilizes NIST traceable Reference Standards and Certified Reference Material to calibrate analytical instruments along with proven analytical methods. The methods are applied in the most ethical manner following good laboratory practice guidelines. The results of this report are based solely on the sample submitted and cannot be reproduced.

This report expires 30 days after analysis date.

Customer: Customer Sample ID: Laboratory Number: BuyCBDOilOnline

19H0186-01

Extraction Technician: CB		Extraction Date(s)	Analysis Date(s)	
Analytical Chemist: CB		_	8/16/2019	8/17/2019
Cannabinoids (HPLC)			Results	
	LOD (mg/g)	%		mg/g
Cannabidivarin (CBDV)		0.28		2.80
Cannabidiolic Acid (CBD-A)	<2.00			
Cannabigerolic Acid (CBG-A)	<2.00			
Cannabigerol (CBG)	<2.00			
Cannabidiol (CBD)		103.7		1040
Tetrahydrocannabivarin (THCV)	<2.00			
Cannabinol (CBN)	<2.00			
delta 9-Tetrahydrocannabinol (THC)	<2.00			
delta 8-Tetrahydrocannabidol	<2.00			
Cannabichromene (CBC)	<2.00			
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<2.00			
Cannabinoids Total		~~%		mg/g
Max Active THC		0.00		0.00
Max Active CBD		104.00	1	040.00
T.Active Cannabinoids		104		1040
Total Cannabinoids		104		1040
	Ratios			S. State
NA:1 CBD to THC 0.		0.00:1 TH	C to CBD	

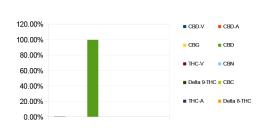
### **Cannabinoid Profile**

### Cannabinoid (mg/g)



itude Consulting, LLC utilizes NIST traceable Reference Standards and Certified Reference Material to calibrate analytical instruments along with proven analytical methods . e methods are applied in the most ethical manner following good laboratory practice guidelines. The results of this report are based solely on the sample submitted and cannot be produced.

<u>·</u>		
	Sample In	formation
Sample Identification	.7g CBD Isolate	
Laboratory Number	20190	02171
Batch Number	N/	Ά
Matrix	Isol	ate
Analyzed Date	10/6/	/19
Extraction Date	10/6/	/19
Cannabinoid (HPLC)	%	mg/g
Compound		
CBD-V	0.41%	4.07
CBD-A	ND	ND
CBG	ND	ND
CBD	99.58% 995.82	
THC-V	ND	ND
CBN	ND ND	
Delta 9-THC	ND ND	
CBC	ND ND	
THC-A	ND ND	
Delta 8-THC	ND ND	
Cannabinoids Total		
Max Active THC	ND	ND
Max Active CBD	<b>99.5</b> 8%	995.82
T. Active Cannabinoids	99.99% 999.89	
Total Cannabinoids	99.99% 999.89	
Max A	ctive Ratios	
NA	:1 CBD to THC	
ND	:1 THC to CBD	
Cannabinoid %		



RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0



g/medible
NA
mg THC/medible
NA
mg CBD/medible
NA
(mg) total cannabinoids/medible
NA



Chemist: JG Report Expires: 12/24/19

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	%	mg/g
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NT	NT

1200.00%         - Camptone           1300.00%         - Sistince           1000.00%         - Sistince           1000.00%         - Sistince           1000.00%         - Camptone           1000.00%         - Camptone           1000.00%         - Camptone           1000.00%         - Camptone           200.00%         - Camptone           300.00%         - Sistence Hystale           400.00%         - Sistence Hystale           400.00%         - Sistence Hystale           400.00%         - Sistence Hystale           200.00%         - Sistence Hystale           200.00%         - Sistence Hystale           300.00%         - Sistence Hystale           300.00%         - Sistence Hystale           300.00%         - Sistence Hystale           400.00%         - Sistence Hystale           300.00%		Terpenes %	alpha-Pinene
400.00%         • Statute           1000.00%         • Bits Myrone           1000.00%         • Prometical 5-date           1000.00%         • Prometical 5-date           0 General 5-date         • (R) (-1) -3 Careno           0 General 5-date         • (R) (-1) -3 Careno           0 General 5-date         • (R) (-1) -3 Careno           0 General 5-date         • Gamma 1-5 date           0 General 1-5 date         • (-1) Franchare           0 General 1-6 date         • (-1) Franchare           0 General 1-7 date	1200 00%		Camphene
1000.00%     Bds-Finan       1000.00%     Apta-Teptine       1000.00%     Come Extent       1000.00%     Compto       1000.00%     Compare	1200.0070		
1000.00%         • pmetina 1-5 dene           1000.00%         • (\$3(+(+)-3-Carme)           1000.00%         • Carme           1000.00%         • Carme           200.00%         • Carme           800.00%         • Carme           800.00%         • Carme           800.00%         • Carme           800.00%         • Carme           9 Carme biomer         • Carme           9 Carmer         • Carmer           9 Carmer         • Scorned           9 Carmay Acatate         • Scorned			
1000.00%         - (15)-(-)-3-Caren           1000.00%         - Apta Terprete           0 Commersioner 1         - Chromersioner 1           - Comptoner         - Chromersioner 1           - Comprener         - Chromersioner 1			
1000.00%     • Adpin Tegninee       • Odiment biomer 1     • R(+) Linnome       • Odiment biomer 2     • Eusign (1) (1) Checkel)       • gamma Tegninen     • Salance Hydrate       800.00%     • Tegnindree       • Salance Hydrate     • Eusign (1) Feacher and L(-) Feac			p-mentha-1-5-diene
1000.00% <ul> <li>Odimene Isomer 1</li> <li>(R) (+) Linnome</li> <li>Odimene Isomer 2</li> <li>Exampled (1) Clearch</li> <li>gramma Terpriner</li> <li>Statisse Hydrate</li> <li>Terprinere</li> <li>Statisse Hydrate</li> <li>Compton</li> <li>Statisse Hydrate</li> <li>Terprinere</li> <li>Statisse Hydrate</li> <li>Compton</li> <li>Statisse Hydrate</li> <li>Compton</li> <li>Statisse Hydrate</li> <li>Statisse Hydrate</li> <li>Compton</li> <li>Statisse Hydrate</li> <li>Statise Hydrate</li></ul>			(1S)-(+)-3-Carene
4000.00%       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1       • Grants is some 1         • Grants is some 1	4000.000/		Alpha-Terpinene
400.00%       Comme Komm2         800.00%       Exclusive (1)8.Cinecie)         800.00%       Stateme Hydrate         9 amma Terprone       Stateme Hydrate         9 amma Terprone       United         9 amma Terprone       Stateme Hydrate         9 amma Terprone       Exclusive (1)-Fenctore         9 argue - Humidere       Exclusive (1)-Fenctore         9 argue - Ammatere       Exclusive (1)-Fenctore         9 argue - Humidere       Exclusive (1)-Fenctore         9 argue - Ammatere       Exclusive (1)-Fenctore         9 argue - Humidere       Exclusive (1)-Fenctore         9 argue - Ammatere       Excless (2) </td <td>1000.00%</td> <td></td> <td>Ocimene Isomer 1</td>	1000.00%		Ocimene Isomer 1
800.00%       = Exception 1(8 Circede)         9       agramma Torpinner         9       Standard Structure         9       Torpindere         10       Interview         10       Interview         10       Interview         10       Interview         10       Interview         11       Interview         12       Interview         13       Interview         14       Interview         15       Interview         16       Interview         17       Interview         18       Interview         19       Interview         10       Interview         10       Interview         10       Interview         10       Interview         10       Interview         11       Interview         12       Interview         13       Interview			(R)-(+)-Limonene
BO0.00%     Good and a second a			Ocimene Isomer2
800.00%     • Stance Hydrate       • Ternoree     • Ternoree       • United     • (+) Feature and (-) Feature       • (B) Encode (-) Feature     • (-) Ecoded)       600.00%     • Elcolardod       • Hoahydroffynol     • (-) Ecoded)       • Hoahydroffynol     • (-) Ecoded)       • Hoahydroffynol     • (-) Ecoded)       • Werd     • Geranda       • Werd     • Geranda       • Werd     • Geranda       • Werd     • Geranda       • Optioneance     • (-) Ecoder)       • aptra-Carbon Hydrate     • aptra-Carbon Hydrate       • 200,00%     • Geranda       • Goald     • Hearthydrate       • Granda     • Geranda       • Optioneance     • Optioneance       • Optioneance     • Optioneance       • Optioneance     • Optione			Eucalyptol (1,8-Cineole)
800.00%     • Terrinders       • United in the intervention of the interventio			gamma-Terpinene
Country			Sabinene Hydrate
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Campton     Campton     Campton     Campton     Statumed      Campton     Statumed      Campton     Statumed      Campton     Statumed      Campton     Campt			1R)-Endo-(+)-Fenchyl
600.00%			<ul> <li>(-)-Isopulegol</li> </ul>
400.00% 400.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00			Camphor
400.00% 400.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00	600.00%		Isoborneol
400.00% 400.00% 400.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00			<ul> <li>Hexahydrothymol</li> </ul>
400.00% 400.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00% 200.00			(+)-Borneol and (-) Borneol
400.00%  Grant 400.00%  Grant Active Grant A			alpha-Terpineol
400.00%  Cerarial  (+)-Regone Cerarial (+)-Regone Cerarial (+)-Regone Cerarial (+)-Regone Cerarial (+) Cerari			gamma-Terpineol
200.00%			Nerol
200,00%	400.00%		Geraniol
200.00%			(+) -Pulegone
200.00%			Geranyl Acetate
200.00% Userserie Userseri			alpha-Cedrene
200.00%   Vatercore  cs-Netroliad  function  cs-Netroliad  function  council  (-)-Caryotpyllene Oxide  (-)-Caryotpyllene			trans- Caryophyllene
cis-Nerolical     cis-Nerolical     cisars-Nerolical     Guid     Guid     (-)-Canyophyllame Oxobe     (+)-Conyophyllame Oxobe     (+)-Conyophyllame Oxobe			alpha-Humulene
<ul> <li>trans-Nercilidat</li> <li>Guaid</li> <li>(-)-Caryophyllene Oxide</li> <li>(+)-Caryophyllene Oxide</li> <li>(+)-Cardot</li> </ul>	200.00%		Valencene
Guald     Guald     (-)-Caryophylleme Oxide     (+)-Cedrid			cis-Nerolidal
(-)-Caryophyllene Oxide     (+)-Cetrol     (+)-Cetrol			trans-Nerolidol
(+)-Cedrol			Guaiol
			(-)-Caryophyllene Oxide
0.00%			(+)-Cedrol
	0.00%		(-)-alpha-Bisabolol

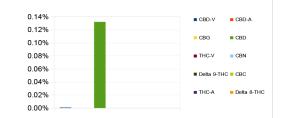
### DESERT VALLEY TESTING 51 W. Weldon Ave Phoenix, Arizona 85013 480-788-6644

www.desertvalleytesting.com

### desert valley

	5 1 1		
	Sample In	formation	
Sample Identification	Worms		
Laboratory Number		2019009778	
Batch Number		Α	
Matrix	Mec	lible	
Analyzed Date	09/0	4/19	
Extraction Date		4/19	
Cannabinoid (HPLC)	%	mg/g	
Compound			
CBD-V	0.00%	0.01	
CBD-A	ND	ND	
CBG	ND	ND	
CBD	16.05	1.32	
THC-V	ND	ND	
CBN	ND	ND	
Delta 9-THC	ND	ND	
CBC	ND	ND	
THC-A	ND	ND	
Delta 8-THC	ND	ND	
Cannabinoids Total			
Max Active THC	ND	ND	
Max Active CBD	16.05	1.32	
T. Active Cannabinoids	16.05	1.33	
Total Cannabinoids	16.05	1.33	
	ctive Ratios		
	:1 CBD to THC		
NA	:1 THC to CBD		

### Cannabinoid %

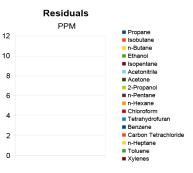


### Sample Image



Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0



g/medible	
4.68	
mg THC/medible	
ND	
mg CBD/medible	
6.19	
(mg) total cannabinoids/medible	
6.23	

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	%	mg/g
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA

Terpenes %	alpha-Pinene
1200.00%	Camphene
1200.00%	Sabinene
	beta-Myrcene
	Beta-Pinene
	p-mentha-1-5-diene
	(1S)-(+)-3-Carene
1000.00%	Alpha-Terpinene
1000.00%	Ocimene Isomer 1
	(R)-(+)-Limonene
	Ocimene Isomer2
	<ul> <li>Eucalyptol (1,8-Cineole)</li> </ul>
	gamma-Terpinene
000.000	Sabinene Hydrate
800.00%	<ul> <li>Terpinolene</li> </ul>
	Linalool
	(+)-Fenchone and L(-)-Fenchone
	1R)-Endo-(+)-Fenchyl
	<ul> <li>(-)-Isopulegol</li> </ul>
	Camphor
600.00%	Isoborneol
	Hexahydrothymol
	(+)-Borneol and (-) Borneol
	alpha-Terpineol
	gamma-Terpineol
	Nerol
400.00%	Geraniol
	(+)-Pulegone
	Geranyl Acetate
	alpha-Cedrene
	trans- Caryophyllene
	alpha-Humulene
200.00%	Valencene
	cis-Nerolidol
	trans-Nerolidol
	Guaiol
	<ul> <li>(-)-Caryophyllene Oxide</li> </ul>
	(+)-Cedrol
0.00%	(-)-alpha-Bisabolol

### DESERT VALLEY TESTING 51 W. Weldon Ave Phoenix, Arizona 85013 480-788-6644

www.desertvalleytesting.com

### desert valley

	5 1 1		
	Sample In	formation	
Sample Identification	Bears		
Laboratory Number	20190	2019009779	
Batch Number	N	Α	
Matrix	Mec	lible	
Analyzed Date	09/0	4/19	
Extraction Date		4/19	
Cannabinoid (HPLC)	%	mg/g	
Compound			
CBD-V	0.00%	0.01	
CBD-A	ND	ND	
CBG	ND	ND	
CBD	0.15%	1.46	
THC-V	ND	ND	
CBN	ND	ND	
Delta 9-THC	ND	ND	
CBC	ND	ND	
THC-A	ND	ND	
Delta 8-THC	ND	ND	
Cannabinoids Total			
Max Active THC	ND	ND	
Max Active CBD	0.15%	1.46	
T. Active Cannabinoids	0.15%	1.46	
Total Cannabinoids	0.15%	1.46	
	ctive Ratios		
	:1 CBD to THC		
NA	:1 THC to CBD		

### Cannabinoid %

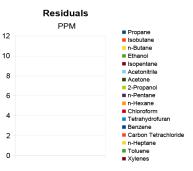
0.16%	CBD-V	CBD-A
0.14%		
0.12%	CBG	CBD
0.10%	THC-V	CBN
0.08%		
0.06%	Delta 9-	ГНС = СВС
0.04%		
0.02%	THC-A	Delta 8-THC
0.00%		

### Sample Image



Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0



g/medible
3.85
mg THC/medible
ND
mg CBD/medible
5.6
(mg) total cannabinoids/medible
5.63

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	%	mg/g
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA

Terp	enes % alpha-Pinene
1200.00%	Camphene
1200.00%	Sabinene
	beta-Myrcene
	Beta-Pinene
	p-mentha-1-5-diene
	(1S)-(+)-3-Carene
1000.00%	Alpha-Terpinene
1000.00%	Ocimene Isomer 1
	(R)-(+)-Limonene
	Ocimene Isomer2
	Eucalyptol (1,8-Cineole)
	gamma-Terpinene
000.00%	Sabinene Hydrate
800.00%	Terpinolene
	Linalool
	(+)-Fenchone and L(-)-Fenchone
	1R)-Endo-(+)-Fenchyl
	<ul> <li>(-)-Isopulegol</li> </ul>
000.00%	Camphor
600.00%	Isoborneol
	Hexahydrothymol
	(+)-Borneol and (-) Borneol
	alpha-Terpineol
	gamma-Terpineol
100.000/	Nerol
400.00%	Geraniol
	(+) -Pulegone
	Geranyl Acetate
	alpha-Cedrene
	trans- Caryophyllene
	alpha-Humulene
200.00%	<ul> <li>Valencene</li> </ul>
	cis-Nerolidol
	trans-Nerolidol
	Guaiol
	<ul> <li>(-)-Caryophyllene Oxide</li> </ul>
	(+)-Cedrol
0.00%	<ul> <li>(-)-alpha-Bisabolol</li> </ul>

DESERT VALLEY TESTING 51 W. Weldon Ave Phoenix, Arizona 85013 480-788-6644

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Sample Information				
Sample Identification	Georgia Peach 105			
Laboratory Number		2019009780		
Batch Number		NA		
Matrix		Vape Oil		
Analyzed Date		09/04/19		
Extraction Date		09/04/19		
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%	
Compound				
CBD-V	ND	ND	ND	
CBD-A	ND	ND	ND	
CBG	ND	ND	ND	
CBD	7.44	122.84	0.65%	
THC-V	ND ND ND			
CBN	ND ND ND			
Delta 9-THC	ND ND ND			
CBC	ND ND ND			
THC-A	ND ND ND			
Delta 8-THC	ND ND ND			
Cannabinoids Total				
Max Active THC	ND ND ND			
Max Active CBD	7.44	122.84	0.65%	
T. Active Cannabinoids	7.44 122.84 0.65%			
Total Cannabinoids	7.44 122.84 0.65%			
Max Active Ratios				
NA:1 CBD to THC				

NA:1 THC to CBD

### Cannabinoid %

	CBD-V
8	CBD-A
7	CBG
6	CBD
5	THC-V
4	CBN
3	Delta 9-THC
2	CBC
-	THC-A
0	Delta 8-THC
5	Delta o-THC



Chemist: JW Report Expires: 12/08/19

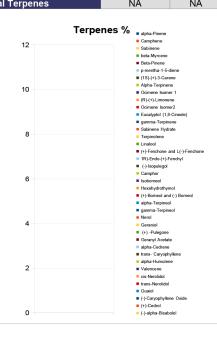
RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0

### Residuals PPM Propane 10 Sobutane 10 Sobutane 10 Ethanol 10 Sopentane 10 Sopentane 10 Acetone 10 Acetone 10 Pentane 10 Pentane

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound	Ŭ	- Č
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA



DESERT VALLEY TESTING 51 W. Weldon Ave Phoenix, Arizona 85013 480-788-6644

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Sample Information				
Sample Identification	African Sweet Watermelon 105			
Laboratory Number		2019009781		
Batch Number		NA		
Matrix		Vape Oil		
Analyzed Date		09/04/19		
Extraction Date		09/04/19		
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%	
Compound				
CBD-V	ND	ND	ND	
CBD-A	ND	ND	ND	
CBG	ND	ND	ND	
CBD	7.98	131.63	0.67%	
THC-V	ND	ND	ND	
CBN	ND ND ND			
Delta 9-THC	ND ND ND			
CBC	ND ND ND			
THC-A	ND ND ND			
Delta 8-THC	ND ND ND			
Cannabinoids Total				
Max Active THC	ND	ND	ND	
Max Active CBD	7. <b>9</b> 8	131.63	0.67%	
T. Active Cannabinoids	7.98	131.63	0.67%	
Total Cannabinoids	7.98 131.63 0.67%			
Max Active Ratios				
NA:1 CBD to THC				

NA:1 THC to CBD

### Cannabinoid %

	CBD-V
9	CBD-A
8	CBG
7	CBD
6	THC-V
5	CBN
4	Delta 9-THC
2	CBC
1	THC-A
0	Delta 8-THC



Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0

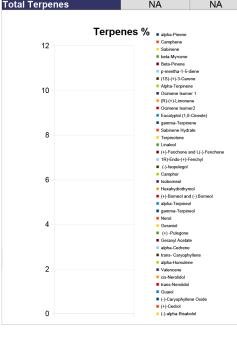
	Residuals PPM	
12		<ul> <li>Propane</li> <li>Isobutane</li> </ul>
10		<ul> <li>n-Butane</li> <li>Ethanol</li> <li>Isopentane</li> </ul>
8		<ul> <li>Acetonitrile</li> <li>Acetone</li> </ul>
6		<ul> <li>2-Propanol</li> <li>n-Pentane</li> <li>n-Hexane</li> </ul>
4		<ul> <li>Chloroform</li> <li>Tetrahydrofuran</li> </ul>
2		<ul> <li>Benzene</li> <li>Carbon Tetrachloride</li> <li>n-Heptane</li> </ul>
0		<ul> <li>Toluene</li> <li>Xylenes</li> </ul>

mL/Bottle	
16.5	
mg THC/Bottle	
ND	
mg CBD/Bottle	
131.63	
(mg) total cannabinoids/bottle	
131.63	

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA



DESERT VALLEY TESTING
51 W. Weldon Ave
Phoenix, Arizona 85013
480-788-6644

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Sample Information			
Sample Identification	Bombay Mango 105		
Laboratory Number	2019009782		
Batch Number		NA	
Matrix		Vape Oil	
Analyzed Date		09/04/19	
Extraction Date		09/04/19	
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%
Compound			
CBD-V	ND	ND	ND
CBD-A	ND	ND	ND
CBG	ND	ND	ND
CBD	8.01	132.22	0.68%
THC-V	ND	ND	ND
CBN	ND	ND	ND
Delta 9-THC	ND	ND	ND
CBC	ND	ND	ND
THC-A	ND	ND	ND
Delta 8-THC	ND	ND	ND
Cannabinoids Total			
Max Active THC	ND	ND	ND
Max Active CBD	8.01	132.22	0.68%
T. Active Cannabinoids	8.01	132.22	0.68%
Total Cannabinoids	8.01	132.22	0.68%
Max Active Ratios			
NA:1 CBD to THC			

NA:1 THC to CBD

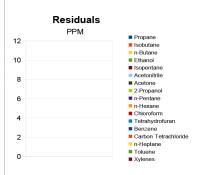
### Cannabinoid %

	CBD-V
9	CBD-A
8	CBG
7	CBD
6	THC-V
5	CBN
4	Delta 9-THC
3	CBC
1	THC-A
0	Delta 8-THC



Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0

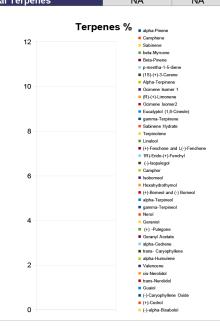


mL/Bottle
16.5
mg THC/Bottle
ND
mg CBD/Bottle
132.22
(mg) total cannabinoids/bottle
132.22

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA



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	Sample Information			
Sample Identification	Ananas Pineapple 105			
Laboratory Number	2019009783			
Batch Number		NA		
Matrix		Vape Oil		
Analyzed Date		09/04/19		
Extraction Date		09/04/19		
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%	
Compound				
CBD-V	0.04	0.66	0.00%	
CBD-A	ND	ND	ND	
CBG	ND	ND	ND	
CBD	7.7	126.98	0.65%	
THC-V	ND	ND	ND	
CBN	ND ND ND			
Delta 9-THC	ND ND ND			
CBC	ND ND ND			
THC-A	ND	ND	ND	
Delta 8-THC	ND	ND	ND	
Cannabinoids Total				
Max Active THC	ND	ND	ND	
Max Active CBD	7.70	126.98	0.65%	
T. Active Cannabinoids	7.74	127.64	0.65%	
Total Cannabinoids	7.74 127.64 0.65%			
Max Active Ratios				
NA:1 CBD to THC				

NA:1 THC to CBD

### Cannabinoid %

	CBD-V
9	CBD-A
8	CBG
7	CBD
6	THC-V
5	CBN
4 3	Delta 9-THC
2	CBC
1	THC-A
0	Delta 8-THC



Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0

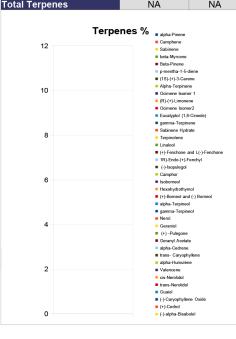
# PPM Popane Sobutane ID ID

mL/Bottle
16.5
mg THC/Bottle
ND
mg CBD/Bottle
126.98
(mg) total cannabinoids/bottle
127.64

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA



**DESERT VALLEY TESTING** 51 W. Weldon Ave Phoenix, Arizona 85013 480-788-6644

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Sample Information				
Sample Identification	Blueberry Mist 105			
Laboratory Number		2019009784		
Batch Number		NA		
Matrix		Vape Oil		
Analyzed Date		09/04/19		
Extraction Date		09/04/19		
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%	
Compound				
CBD-V	0.04	0.64	0.00%	
CBD-A	ND	ND	ND	
CBG	ND	ND	ND	
CBD	7.58	125.04	0.65%	
THC-V	ND	ND	ND	
CBN	ND ND ND			
Delta 9-THC	ND ND ND			
CBC	ND	ND	ND	
THC-A	ND	ND	ND	
Delta 8-THC	ND	ND	ND	
Cannabinoids Total				
Max Active THC	ND	ND	ND	
Max Active CBD	7.58	125.04	0.65%	
T. Active Cannabinoids	7.62	125.68	0.65%	
Total Cannabinoids	7.62 125.68 0.65%			
Max Active Ratios				
NA:1 CBD to THC				

NA:1 THC to CBD

**Cannabinoid %** 



Sample Image

Percent Moisture

NOT TESTED

NOT TESTED

### Propane NT 5.0 Isobutane NT 5.0 n-Butane NT 5.0 Ethanol NT 5.0 Isopentane NT 5.0 Acetonitrile NT 5.0 NT 50.0 Acetone 2-Propanol NT 5.0 n-Pentane NT 5.0 n-Hexane NT 5.0 Chloroform NT 5.0 Tetrahydrofuran NT 5.0 Benzene NT 5.0 Carbon Tetrachloride NT 5.0 n-Heptane NT 5.0 Toluene NT 5.0 Xylenes NT 10.0

PPM

RL

RS (GCMS-HS)

Compound



Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001

### **RL=Reporting Limit** NA=Not Applicable NT=Not Tested ND=Non Detected



Report Expires: 12/08/19

Micro Visual:



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol		
	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA

	<b>T</b> ownonce 0/	
	Terpenes %	alpha-Pinene
12		Camphene
12		Sabinene
		beta-Myrcene
		Beta-Pinene
		p-mentha-1-5-diene
		(1S)-(+)-3-Carene
10		Alpha-Terpinene
10		Ocimene Isomer 1
		(R)-(+)-Limonene
		Ocimene Isomer2
		<ul> <li>Eucalyptol (1,8-Cineole)</li> </ul>
		gamma-Terpinene
-		Sabinene Hydrate
8		Terpinolene
		Linalool
		(+)-Fenchone and L(-)-Fenchone
		1R)-Endo-(+)-Fenchyl
		<ul> <li>(-)-Isopulegol</li> </ul>
		Camphor
6		Isoborneol
		Hexahydrothymol
		(+)-Borneol and (-) Borneol
		alpha-Terpineol
		gamma-Terpineol
		Nerol
4		Geraniol
		(+) -Pulegone
		Geranyl Acetate
		alpha-Cedrene
		trans- Caryophyllene
		alpha-Humulene
2		Valencene
		cis-Nerolidol
		trans-Nerolidol
		Guaiol
		<ul> <li>(-)-Caryophyllene Oxide</li> </ul>
		(+)-Cedrol
0		<ul> <li>(-)-alpha-Bisabolol</li> </ul>

DESERT VALLEY TESTING 51 W. Weldon Ave Phoenix, Arizona 85013 480-788-6644

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Sample Information				
Sample Identification	Georgia Peach 300			
Laboratory Number		2019009785		
Batch Number		NA		
Matrix		Vape Oil		
Analyzed Date		09/04/19		
Extraction Date		09/04/19		
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%	
Compound				
CBD-V	0.1	1.65	0.01%	
CBD-A	ND	ND	ND	
CBG	ND	ND	ND	
CBD	18.58	306.60	1.58%	
THC-V	ND	ND	ND	
CBN	ND	ND	ND	
Delta 9-THC	ND	ND	ND	
CBC	ND	ND	ND	
THC-A	ND	ND	ND	
Delta 8-THC	ND	ND	ND	
Cannabinoids Total				
Max Active THC	ND	ND	ND	
Max Active CBD	18.58	306.60	1.58%	
T. Active Cannabinoids	18.68	308.25	1.59%	
Total Cannabinoids	18.68 308.25 1.59%			
Max Active Ratios				
NA :1 CBD to THC				

NA:1 THC to CBD

### Cannabinoid %





Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0

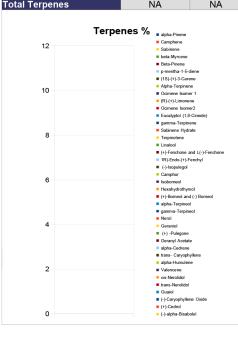
	Residuals PPM	- 0
12		<ul> <li>Propane</li> <li>Isobutane</li> </ul>
10		n-Butane Ethanol
10		Ethanoi Isopentane
8		Acetonitrile
0		Acetone
		2-Propanol
6		n-Pentane
		n-Hexane
4		<ul> <li>Chloroform</li> <li>Tetrahydrofuran</li> </ul>
		<ul> <li>Tetranydroluran</li> <li>Benzene</li> </ul>
2		Carbon Tetrachloride
2		n-Heptane
		Toluene
0		Xylenes

mL/Bottle	
16.5	
mg THC/Bottle	
ND	
mg CBD/Bottle	
306.6	
(mg) total cannabinoids/bottle	
308.25	

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001

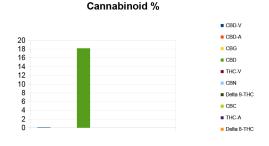


Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA



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	Sample Information		
Sample Identification	African Sweet Watermelon 300		
Laboratory Number	2019009786		
Batch Number		NA	
Matrix		Vape Oil	
Analyzed Date		09/04/19	
Extraction Date		09/04/19	
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%
Compound			
CBD-V	0.1	1.68	0.01%
CBD-A	ND	ND	ND
CBG	ND	ND	ND
CBD	18.21	300.43	1.57%
THC-V	ND	ND	ND
CBN	ND	ND	ND
Delta 9-THC	ND	ND	ND
CBC	ND	ND	ND
THC-A	ND	ND	ND
Delta 8-THC	ND	ND	ND
Cannabinoids Total			
Max Active THC	ND	ND	ND
Max Active CBD	18.21	300.43	1.57%
T. Active Cannabinoids	18.31	302.11	1.58%
Total Cannabinoids	18.31	302.11	1.58%
Max Active Ratios			
NA :1 CBD to THC			
NA :1 THC to CBD			





PPM

RL

RS (GCMS-HS)

	Residuals PPM	Presso
12		<ul> <li>Propane</li> <li>Isobutane</li> </ul>
10		<ul> <li>n-Butane</li> <li>Ethanol</li> <li>Isopentane</li> </ul>
8		<ul> <li>Acetonitrile</li> <li>Acetone</li> </ul>
6		<ul> <li>2-Propanol</li> <li>n-Pentane</li> <li>n-Hexane</li> </ul>
4		<ul> <li>Chloroform</li> <li>Tetrahydrofuran</li> </ul>
2		<ul> <li>Benzene</li> <li>Carbon Tetrachloride</li> <li>n-Heptane</li> </ul>
0		<ul><li>Toluene</li><li>Xylenes</li></ul>

mL/Bottle
16.5
mg THC/Bottle
ND
mg CBD/Bottle
300.43
(mg) total cannabinoids/bottle
302.11

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001

**RL=Reporting Limit** NA=Not Applicable NT=Not Tested ND=Non Detected



**Chemist:** JW Report Expires: 12/08/19



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA

	Terpenes %	alpha-Pinene
		Camphene
12		Sabinene
		<ul> <li>Sabilerie</li> <li>beta-Myrcene</li> </ul>
		<ul> <li>Beta-Pinene</li> </ul>
		p-mentha-1-5-diene
		(1S)-(+)-3-Carene
		Alpha-Terpinene
10		Ocimene Isomer 1
		(R)-(+)-Limonene
		Ocimene Isomer2
		Eucalyptol (1,8-Cineole)
		gamma-Terpinene
		Sabinene Hydrate
8		Terpinolene
		Linalool
		(+)-Fenchone and L(-)-Fenchone
		1R)-Endo-(+)-Fenchyl
		<ul> <li>(-)-Isopulegol</li> </ul>
		Camphor
6		Isoborneol
		Hexahydrothymol
		(+)-Borneol and (-) Borneol
		alpha-Terpineol
		gamma-Terpineol
		Nerol
4		Geraniol
		(+) -Pulegone
		<ul> <li>Geranyl Acetate</li> </ul>
		alpha-Cedrene
		trans- Caryophyllene
		alpha-Humulene
2		Valencene
		cis-Nerolidol
		trans-Nerolidol
		<ul> <li>Guaiol</li> </ul>
		<ul> <li>(-)-Caryophyllene Oxide</li> </ul>
-		(+)-Cedrol
0		<ul> <li>(-)-alpha-Bisabolol</li> </ul>

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Sample Information				
Sample Identification	Bombay Mango 300			
Laboratory Number		2019009787		
Batch Number		NA		
Matrix		Vape Oil		
Analyzed Date		09/04/19		
Extraction Date		09/04/19		
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%	
Compound				
CBD-V	0.11	1.74	0.01%	
CBD-A	ND	ND	ND	
CBG	ND	ND	ND	
CBD	18.76	309.47	1.55%	
THC-V	ND	ND	ND	
CBN	ND	ND	ND	
Delta 9-THC	ND	ND	ND	
CBC	ND	ND	ND	
THC-A	ND	ND	ND	
Delta 8-THC	ND	ND	ND	
Cannabinoids Total				
Max Active THC	ND	ND	ND	
Max Active CBD	18.7 <b>6</b>	309.47	1.55%	
T. Active Cannabinoids	18.86	311.21	1.56%	
Total Cannabinoids	18.86 311.21 1.56%			
Max Active Ratios				
NA :1 CBD to THC				

NA:1 THC to CBD

### Cannabinoid %





Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0

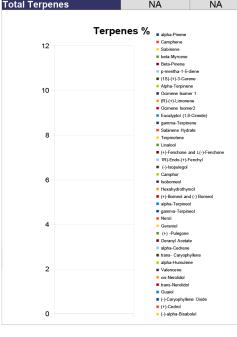
12     Propane       10     Isobutane       10     Ethanol       10     Ethanol       11     Sopentane       12     Acetone       13     Acetone       14     Porpanol       15     Porpanol       16     In -Pentane       17     Porpanol       18     Acetone       19     Porpanol       10     In Pentane       10     In Pentane       11     Porpanol       12     Carbon Tetrachlorduran       13     Benzene       14     Totrahydrofuran       15     In Pentane       16     In Pentane       17     In Pentane       18     In Pentane       19     In Pentane       10     In Pentane       11     In Pentane       12     In Pentane       13     In Pentane       14     In Pentane       15     In Pentane       16     In Pentane       17     In Pentane       18     In Pentane       19     In Pentane       10     In Pentane       10     In Pentane       10     In Pentane       10		Residuals PPM	_
10     Image: Ethanol       8     Image: Acetonitrile       8     Image: Acetonitrile       2-Propanol     Image: Acetonitrile       6     Image: Acetonitrile       4     Image: Acetonitrile       2     Image: Acetonitrile       2     Image: Acetonitrile       0     Image: Acetonitrile	12		Propane Isobutane
Sopentane     Sopentane     Acetonitrile     Acetonitrile     Acetone     Acetonitrile     Acetone     Aceton			n-Butane
8 Acetonitrile Acetone 2 - Propanol 6 - Protane - Propanol - Prentane - Prentane - Prentane - Prentane - Prentane - Protane - Prentane - Prentane	10		Ethanol
Acetone     A			Isopentane
Acetone     A	0		Acetonitrile
6 In-Pentane In-Pentane 4 Choroform In-Hexane Choroform In-Hexane 2 Carbon Tetrachloride In-Heptane 0 Toluene	0		Acetone
4 In-Hexane Chioroform Tetrahydrofuran Benzene Carbon Tetrachloride In-Heptane Toluene			2-Propanol
4 Chloroform Tetrahydrofuran Benzene 2 Carbon Tetrachloride n-Heptane Toluene	6		n-Pentane
4 Tetrahydrofuran Benzene Carbon Tetrachloride Carbon Tetrachloride Chefystane O			
2 Carbon Tetrachloride 0 Toluene	4		Chloroform
2 Carbon Tetrachloride n-Heptane Toluene	4		
n-Heptane			Benzene
Toluene	2		
0			
U ■ Xylenes	0		Toluene
	0		Xylenes

mL/Bottle
16.5
mg THC/Bottle
ND
mg CBD/Bottle
309.47
(mg) total cannabinoids/bottle
311.21

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA



DESERT VALLEY TESTING 51 W. Weldon Ave Phoenix, Arizona 85013 480-788-6644

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Sample Information			
Sample Identification	Ananas Pineapple 300		
Laboratory Number	2019009788		
Batch Number		NA	
Matrix		Vape Oil	
Analyzed Date		09/04/19	
Extraction Date		09/04/19	
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%
Compound			
CBD-V	0.08	1.25	0.01%
CBD-A	ND	ND	ND
CBG	ND	ND	ND
CBD	19.27	318.01	1.65%
THC-V	ND	ND	ND
CBN	ND	ND	ND
Delta 9-THC	ND ND ND		
CBC	ND	ND	ND
THC-A	ND	ND	ND
Delta 8-THC	ND	ND	ND
Cannabinoids Total			
Max Active THC ND ND ND			
Max Active CBD	19.27	318.01	1.65%
T. Active Cannabinoids	19.35	319.26	1.66%
Total Cannabinoids	19.35	319.26	1.66%
Max Active Ratios			
NA :1 CBD to THC			
NA 1 THC to CBD			

NA:1 THC to CBD





PPM	RL
NT	5.0
NT	50.0
NT	5.0
NT	10.0
	NT NT NT NT NT NT NT NT NT NT NT NT NT N

	Residuals PPM	Propane
12		Isobutane
10		<ul> <li>n-Butane</li> <li>Ethanol</li> <li>Isopentane</li> </ul>
8		Acetonitrile Acetone
6		<ul> <li>2-Propanol</li> <li>n-Pentane</li> <li>n-Hexane</li> </ul>
4		Chloroform Tetrahydrofuran
2		<ul> <li>Benzene</li> <li>Carbon Tetrachloride</li> <li>n-Heptane</li> </ul>
0		Toluene Xylenes

mL/Bottle
16.5
mg THC/Bottle
ND
mg CBD/Bottle
318.01
(mg) total cannabinoids/bottle
319.26

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001

RL=Reporting Limit NA=Not Applicable NT=Not Tested ND=Non Detected



Chemist: JW Report Expires: 12/08/19



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA

	Terpenes %	
	Terpenco //	alpha-Pinene
12 -		Camphene
		Sabinene
		beta-Myrcene
		Beta-Pinene
		p-mentha-1-5-diene
		(1S)-(+)-3-Carene
10 -		Alpha-Terpinene
10		Ocimene Isomer 1
		(R)-(+)-Limonene
		Ocimene Isomer2
		<ul> <li>Eucalyptol (1,8-Cineole)</li> </ul>
		gamma-Terpinene
8		Sabinene Hydrate
0		Terpinolene
		Linalool
		(+)-Fenchone and L(-)-Fenchone
		1R)-Endo-(+)-Fenchyl
		<ul> <li>(-)-Isopulegol</li> </ul>
		Camphor
6		Isoborneol
		Hexahydrothymol
		(+)-Borneol and (-) Borneol
		alpha-Terpineol
		gamma-Terpineol
		Nerol
4		Geraniol
		(+) -Pulegone
		Geranyl Acetate
		alpha-Cedrene
		trans- Caryophyllene
		alpha-Humulene
2 -		Valencene
		cis-Nerolidol
		trans-Nerolidol
		Guaiol
		(-)-Caryophyllene Oxide
		(+)-Cedrol
0 -		(-)-alpha-Bisabolol
•		

DESERT VALLEY TESTING 51 W. Weldon Ave Phoenix, Arizona 85013 480-788-6644

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Sample Information					
Sample Identification Blueberry Mist 300					
Laboratory Number	2019009789				
Batch Number		NA			
Matrix		Vape Oil			
Analyzed Date		09/04/19			
Extraction Date		09/04/19			
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%		
Compound					
CBD-V	0.09	1.53	0.01%		
CBD-A	ND	ND	ND		
CBG	ND	ND	ND		
CBD	19.76	326.09	1.66%		
THC-V	ND	ND	ND		
CBN	ND ND ND				
Delta 9-THC	ND ND ND				
CBC	ND ND ND				
THC-A	ND	ND	ND		
Delta 8-THC	ND	ND	ND		
Cannabinoids Total					
Max Active THC ND ND ND					
Max Active CBD	19.76	326.09	1.66%		
T. Active Cannabinoids	19.86	327.62	1.67%		
Total Cannabinoids	19.86	327.62	1.67%		
Max Active Ratios					
NA :1 CBD to THC					
NA:1 THC to CBD					

NA:1 THC to CBD







Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0

	Residuals PPM	Propane
12		Isobutane
0		n-Butane
0		Ethanol Isopentane
~		Acetonitrile
8		Acetone
		2-Propanol
6		n-Pentane
		Chloroform
4		Tetrahydrofuran
		Benzene
2		Carbon Tetrachloride
		n-Heptane
0		Toluene
		Xylenes

mL/Bottle
16.5
mg THC/Bottle
ND
mg CBD/Bottle
326.09
(mg) total cannabinoids/bottle
327.62

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA

	Terpenes %	alpha-Pinene
		Camphene
12		Sabinene
		beta-Myrcene
		Beta-Pinene
		p-mentha-1-5-diene
		(1S)-(+)-3-Carene
		Alpha-Terpinene
10		Ocimene Isomer 1
		(R)-(+)-Limonene
		Ocimene Isomer2
		Eucalyptol (1,8-Cineole)
		gamma-Terpinene
		Sabinene Hydrate
8		Terpinolene
		Linalool
		(+)-Fenchone and L(-)-Fenchone
		1R)-Endo-(+)-Fenchyl
		<ul> <li>(-)-Isopulegol</li> </ul>
		Camphor
6		Isoborneol
		Hexahydrothymol
		(+)-Borneol and (-) Borneol
		alpha-Terpineol
		gamma-Terpineol
		Nerol
4		Geraniol
		(+) -Pulegone
		Geranyl Acetate
		alpha-Cedrene
		trans- Caryophyllene
		alpha-Humulene
2		Valencene
		cis-Nerolidol
		trans-Nerolidol
		<ul> <li>Guaiol</li> </ul>
		<ul> <li>(-)-Caryophyllene Oxide</li> </ul>
		(+)-Cedrol
0		(-)-alpha-Bisabolol

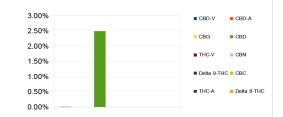
### DESERT VALLEY TESTING 51 W. Weldon Ave Phoenix, Arizona 85013 480-788-6644

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### desert valley

	$\mathbf{J}$			
	Sample Information			
Sample Identification	CBD Capsules			
Laboratory Number	2019009790 DUP			
Batch Number	N	Α		
Matrix	Сар	Capsule		
Analyzed Date	09/0	4/19		
Extraction Date		4/19		
Cannabinoid (HPLC)	%	mg/g		
Compound				
CBD-V	0.01%	0.11		
CBD-A	ND	ND		
CBG	ND	ND		
CBD	2.50%	24.96		
THC-V	ND	ND		
CBN	ND	ND		
Delta 9-THC	ND	ND		
CBC	ND	ND		
THC-A	ND	ND		
Delta 8-THC	ND	ND		
Cannabinoids Total				
Max Active THC	ND	ND		
Max Active CBD	2.50%	24.96		
T. Active Cannabinoids	2.51%	25.08		
Total Cannabinoids	2.51% 25.08			
	ctive Ratios			
	:1 CBD to THC			
NA :1 THC to CBD				

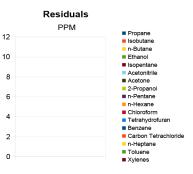
### Cannabinoid %



### Sample Image

Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0



Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	%	mg/g
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-lsopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA

Terpenes %	alpha-Pinene
	Camphene
1200.00%	Sabinene
	beta-Myrcene
	Beta-Pinene
	p-mentha-1-5-diene
	(1S)-(+)-3-Carene
1000.000/	Alpha-Terpinene
1000.00%	Ocimene Isomer 1
	(R)-(+)-Limonene
	Ocimene Isomer2
	<ul> <li>Eucalyptol (1,8-Cineole)</li> </ul>
	gamma-Terpinene
000.000/	Sabinene Hydrate
800.00%	Terpinolene
	Linalool
	(+)-Fenchone and L(-)-Fenchone
	1R)-Endo-(+)-Fenchyl
	<ul> <li>(-)-isopulegoi</li> </ul>
600.000/	Camphor
600.00%	Isoborneol
	Hexahydrothymol
	(+)-Borneol and (-) Borneol
	alpha-Terpineol
	gamma-Terpineol
400.00%	Nerol
400.00%	Geraniol
	(+)-Pulegone
	Geranyl Acetate
	alpha-Cedrene
	trans- Caryophyllene
200.00%	alpha-Humulene
200.00%	<ul> <li>Valencene</li> </ul>
	cis-Nerolidol
	trans-Nerolidol
	Guaiol
	(-)-Caryophyllene Oxide
0.00%	(+)-Cedrol
0.00%	(-)-alpha-Bisabolol

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	Sample Information		
Sample Identification	Peppermint 450		
Laboratory Number	2019009767		
Batch Number		NA	
Matrix		Tincture	
Analyzed Date		09/04/19	
Extraction Date		09/04/19	
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%
Compound			
CBD-V	0.07	2.23	0.01%
CBD-A	ND	ND	ND
CBG	ND	ND	ND
CBD	14.00	458.03	1.51%
THC-V	ND	ND	ND
CBN	ND	ND	ND
Delta 9-THC	ND	ND	ND
CBC	ND	ND	ND
THC-A	ND	ND	ND
Delta 8-THC	ND	ND	ND
Cannabinoids Total			
Max Active THC	ND	ND	ND
Max Active CBD	14.00	458.03	1.51%
T. Active Cannabinoids	14.08	458.03	1.52%
Total Cannabinoids	14.08	458.03	1.52%
Max Active Ratios			
NA:1 CBD to THC			

NA:1 THC to CBD

### Cannabinoid %

			CBD-V
16			CBD-A
14	_		CBG
12			CBD
10			THC-V
8			CBN
6			Delta 9-THC
4	 		CBC
2			THC-A
0			Delta 8-THC



Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0

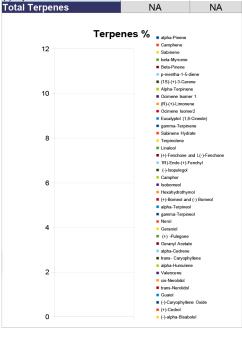
# Programe Programe 10 9 Programe 10 9 Ethanol 10 9 Ethanol 10 9 Ethanol 10 9 Ethanol 10 9 Acetone 10 9 Programol 11 9 Programol 12 9 Programol 13 9 Programol 14 9 Programol 15 9 Programol 16 9 Programol 17 9 Programol 18 9 Programol 19 9 Programol 10 9 Programol 11 9 Programol 12 9 Programol 13 9 Programol 14 9 Programol 15 9 Programol 16 9 Programol 17 9 Programol

mL/Bottle
30
mg THC/Bottle
ND
mg CBD/Bottle
420.06
(mg) total cannabinoids/bottle
422.28

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Tarpanaa	NIA	NIA



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	Sample Information		
Sample Identification	Watermelon 750		
Laboratory Number	2019009771		
Batch Number		NA	
Matrix		Tincture	
Analyzed Date		09/04/19	
Extraction Date		09/04/19	
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%
Compound			
CBD-V	0.12	3.59	0.01%
CBD-A	ND	ND	ND
CBG	ND	ND	ND
CBD	23.72	762.08	2.51%
THC-V	ND	ND	ND
CBN	ND	ND	ND
Delta 9-THC	ND	ND	ND
CBC	ND	ND	ND
THC-A	ND	ND	ND
Delta 8-THC	ND	ND	ND
Cannabinoids Total			
Max Active THC	ND	ND	ND
Max Active CBD	23.72	762.08	2.51%
T. Active Cannabinoids	23.84	762.08	2.52%
Total Cannabinoids	23.84	762.08	2.52%
Max Active Ratios			
NA:1 CBD to THC			

NA:1 THC to CBD

### Cannabinoid %





Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0

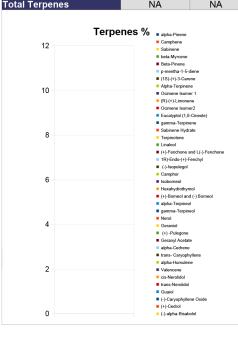
	Residuals PPM	
12		<ul> <li>Propane</li> <li>Isobutane</li> </ul>
10		<ul> <li>n-Butane</li> <li>Ethanol</li> <li>Isopentane</li> </ul>
8		<ul> <li>Acetonitrile</li> <li>Acetone</li> </ul>
6		<ul> <li>2-Propanol</li> <li>n-Pentane</li> <li>n-Hexane</li> </ul>
4		<ul> <li>Chloroform</li> <li>Tetrahydrofuran</li> </ul>
2		<ul> <li>Benzene</li> <li>Carbon Tetrachloride</li> <li>n-Heptane</li> </ul>
0		<ul> <li>Toluene</li> <li>Xylenes</li> </ul>

mL/Bottle	
30	
mg THC/Bottle	
ND	
mg CBD/Bottle	
711.63	
(mg) total cannabinoids/bottle	
715 22	

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Terpene (GC-MS)	mg/mL	mg/Bottle
Compound		
alpha-Pinene	NT	NT
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Terpenes	NA	NA



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	Sample Information			
Sample Identification	Peppermint 750			
Laboratory Number	2019009768			
Batch Number		NA		
Matrix		Tincture		
Analyzed Date		09/04/19		
Extraction Date		09/04/19		
Cannabinoid (HPLC)	mg/mL	mg/Bottle	%	
Compound				
CBD-V	0.11	3.36	0.01%	
CBD-A	ND	ND	ND	
CBG	ND	ND	ND	
CBD	22.95	753.02	2.44%	
THC-V	ND	ND	ND	
CBN	ND ND ND			
Delta 9-THC	ND ND ND			
CBC	ND ND ND			
THC-A	ND ND ND			
Delta 8-THC	ND ND ND			
Cannabinoids Total	binoids Total			
Max Active THC	ND	ND	ND	
Max Active CBD	22.95	753.02	2.44%	
T. Active Cannabinoids	23.06	753.02	2.46%	
Total Cannabinoids	23.06 753.02 2.46%			
Max Active Ratios				
NA:1 CBD to THC				

NA:1 THC to CBD

### Cannabinoid %





Chemist: JW Report Expires: 12/08/19

RS (GCMS-HS)	PPM	RL
Compound		
Propane	NT	5.0
Isobutane	NT	5.0
n-Butane	NT	5.0
Ethanol	NT	5.0
Isopentane	NT	5.0
Acetonitrile	NT	5.0
Acetone	NT	50.0
2-Propanol	NT	5.0
n-Pentane	NT	5.0
n-Hexane	NT	5.0
Chloroform	NT	5.0
Tetrahydrofuran	NT	5.0
Benzene	NT	5.0
Carbon Tetrachloride	NT	5.0
n-Heptane	NT	5.0
Toluene	NT	5.0
Xylenes	NT	10.0

F	Residuals PPM	
12		Propane Isobutane
10		<ul> <li>n-Butane</li> <li>Ethanol</li> <li>Isopentane</li> </ul>
8		<ul> <li>Acetonitrile</li> <li>Acetone</li> </ul>
6		<ul> <li>Acetone</li> <li>2-Propanol</li> <li>n-Pentane</li> <li>n-Hexane</li> </ul>
4		Chloroform
		Tetrahydrofuran Benzene
2		Carbon Tetrachloride
		n-Heptane Toluene
0		Xylenes

mL/Bottle	
30	
mg THC/Bottle	
ND	
mg CBD/Bottle	
688.47	
(mg) total cannabinoids/bottle	
691.83	

Metals	PPM	RL
Compound		
Lead	NT	0.010
Arsenic	NT	0.010
Cadmium	NT	0.010
Mercury	NT	0.001



Torpopo (CC MC)		ma/Pottlo
Terpene (GC-MS)	mg/mL	mg/Bottle
Compound	NT	NT
alpha-Pinene		
Camphene	NT	NT
Sabinene	NT	NT
beta-Myrcene	NT	NT
Beta-Pinene	NT	NT
p-mentha-1-5-diene	NT	NT
(1S)-(+)-3-Carene	NT	NT
Alpha-Terpinene	NT	NT
Ocimene Isomer 1	NT	NT
(R)-(+)-Limonene	NT	NT
Ocimene Isomer2	NT	NT
Eucalyptol (1,8-Cineole)	NT	NT
gamma-Terpinene	NT	NT
Sabinene Hydrate	NT	NT
Terpinolene	NT	NT
Linalool	NT	NT
(+)-Fenchone and L(-)-Fenchone	NT	NT
1R)-Endo-(+)-Fenchyl	NT	NT
(-)-Isopulegol	NT	NT
Camphor	NT	NT
Isoborneol	NT	NT
Hexahydrothymol	NT	NT
(+)-Borneol and (-) Borneol	NT	NT
alpha-Terpineol	NT	NT
gamma-Terpineol	NT	NT
Nerol	NT	NT
Geraniol	NT	NT
(+) -Pulegone	NT	NT
Geranyl Acetate	NT	NT
alpha-Cedrene	NT	NT
trans- Caryophyllene	NT	NT
alpha-Humulene	NT	NT
Valencene	NT	NT
cis-Nerolidol	NT	NT
trans-Nerolidol	NT	NT
Guaiol	NT	NT
(-)-Caryophyllene Oxide	NT	NT
(+)-Cedrol	NT	NT
(-)-alpha-Bisabolol	NT	NT
Total Ternenes	ΝΔ	NΔ

