

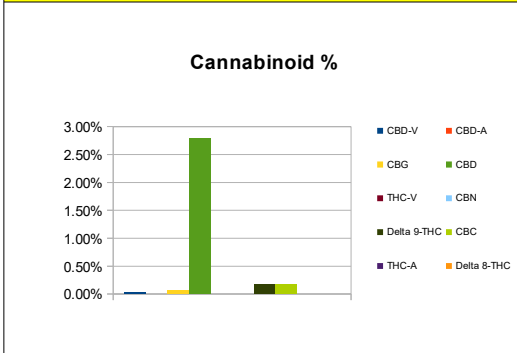


DESERT VALLEY TESTING
2512 E Magnolia Street
Phoenix, Arizona 85034
480-788-6644

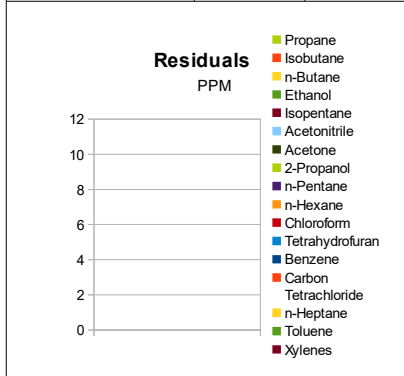
www.desertvalleytesting.com

Sample Information		
Sample Identification	Softgels 15mg	
Laboratory Number	2018009333	
Batch Number	112017	
Matrix	Plant Oil	
Analyzed Date	07/13/18	
Extraction Date	07/13/18	
Cannabinoid (HPLC)	%	mg/g
Compound		
CBD-V	0.03%	0.34
CBD-A	0.00%	0.00
CBG	0.06%	0.61
CBD	2.78%	27.80
THC-V	0.00%	0.00
CBN	0.00%	0.00
Delta 9-THC	0.17%	1.70
CBC	0.17%	1.71
THC-A	0.00%	0.00
Delta 8-THC	0.00%	0.00
Cannabinoids Total		
Max Active THC	0.17%	1.70
Max Active CBD	2.78%	27.80
T. Active Cannabinoids	3.22%	32.16
Total Cannabinoids	3.22%	32.16

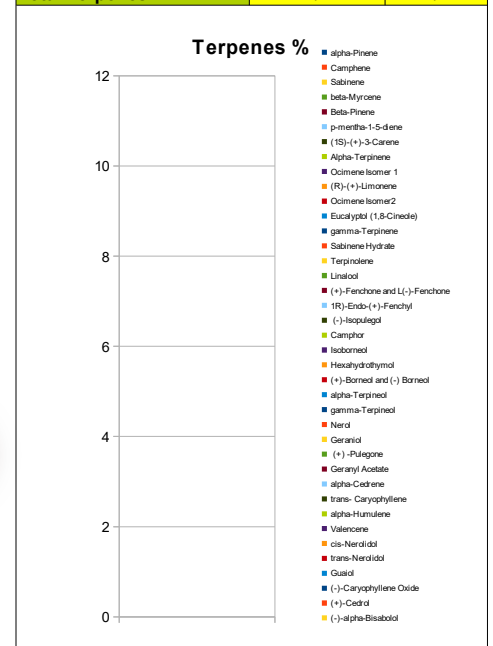
Max Active Ratios		
16.3:1 CBD to THC		
0.1:1 THC to CBD		



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



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	N/A	N/A



Sample Image	
No Image Available	
Micro Visual:	NOT TESTED
Percent Moisture	NOT TESTED

g/medible
N/A
mg THC/medible
N/A
mg CBD/medible
N/A
(mg) total cannabinoids/medible
N/A

Metals	PPM	RL
Compound		
Lead	<0.01	0.010
Arsenic	0.21	0.010
Cadmium	<0.01	0.010
Mercury	0.003	0.001



RL=Reporting Limit
NA=Not Applicable
NT=Not Tested

Chemist: JW
Report Expires: 08/13/18

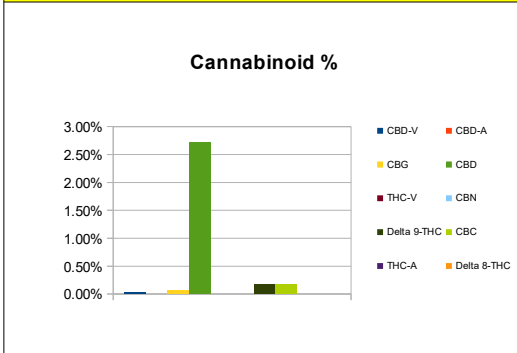


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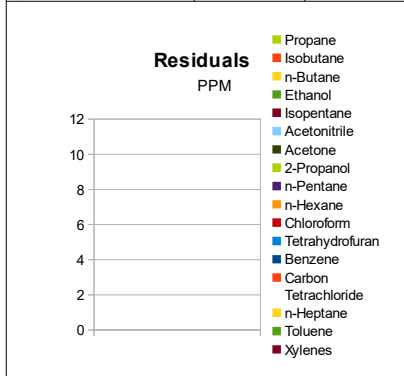
www.desertvalleytesting.com

Sample Information		
Sample Identification	Softgels 15mg	
Laboratory Number	2018009333 DUP	
Batch Number	112017	
Matrix	Plant Oil	
Analyzed Date	07/13/18	
Extraction Date	07/13/18	
Cannabinoid (HPLC)	%	mg/g
Compound		
CBD-V	0.03%	0.33
CBD-A	0.00%	0.00
CBG	0.06%	0.60
CBD	2.72%	27.25
THC-V	0.00%	0.00
CBN	0.00%	0.00
Delta 9-THC	0.17%	1.67
CBC	0.17%	1.67
THC-A	0.00%	0.00
Delta 8-THC	0.00%	0.00
Cannabinoids Total		
Max Active THC	0.17%	1.67
Max Active CBD	2.72%	27.25
T. Active Cannabinoids	3.15%	31.51
Total Cannabinoids	3.15%	31.51

Max Active Ratios		
16.3:1 CBD to THC		
0.1:1 THC to CBD		



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



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	N/A	N/A

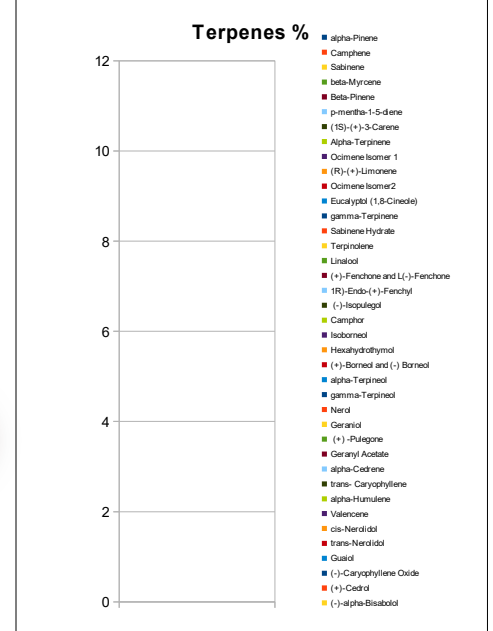
Sample Image	
No Image Available	
Micro Visual:	NOT TESTED
Percent Moisture	NOT TESTED

g/medible
N/A
mg THC/medible
N/A
mg CBD/medible
N/A
(mg) total cannabinoids/medible
N/A

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





Report No: 6660506

Submitted: July 13, 2018

IAS Lab ID: 625

Extracted: July 16, 2018

DVT ID: 9333

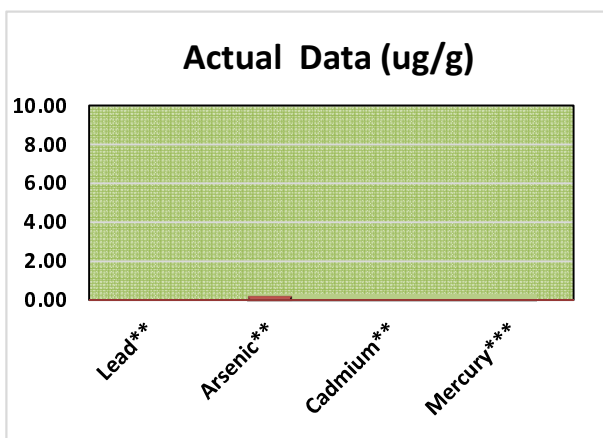
Metals Analyzed: July 17, 2018

Mercury Analyzed: July 18, 2018

Date Reported: July 18, 2018

Plant Analysis

Element	Reporting Limit (ug/g)	Actual Data (ug/g)	* Maximum Consumption (ug/day)
Lead**	0.01	<0.01	6.0
Arsenic**	0.01	0.21	10.0
Cadmium**	0.01	<0.01	4.1
Mercury***	0.001	0.003	2.0



*Levels Determined by American Herbal Products Association (AHPA 2013)

**Method EPA 6010B - ICP OES

***Method 245.7 - ICP MS

Chemist: RF

Report Expires: August 18, 2018

QC Report

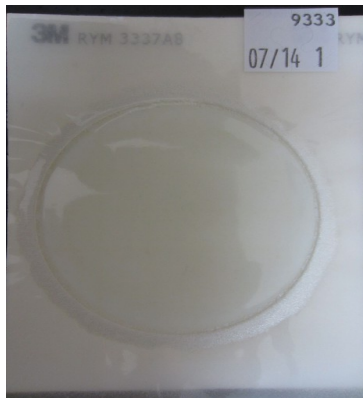
Percent Recovery of CCV1

Element	CCV1 Open	CCV1 Close
Lead	100.7	100.9
Arsenic	92.6	90.3
Cadmium	97.4	98.7
Mercury	---	---



DESERT VALLEY TESTING
51 W Weldon Avenue
Phoenix, Arizona 85013
480-788-6644
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Sample			
Lab ID Number	2018009333	Sample Type	Oil
Sample Name	Softgels 15mg	Date of Submission	07/13/18

Results	
Enterobacteriaceae	Rapid Yeast and Mold
	
ND CFU/g	Mold: ND CFU/g Yeast: ND CFU/g

Comments	
Generated By: JR/SF	Date Reported: 7/17/18
Reviewed By: ED	Comments:
The microbial results reported represent the product quality and safety of the sample aliquot received for analysis. Microbial results are subject to change due to product stability (shelf life), use and storage of the product over a period of time.	



Results Key: ND = Non Detect, TNTC = Too Numerous to Count