

Sample Name: 20:1 CBD 4/23

Client: mateelbotanicals

Sample Type: Oil

Strain: Unknown

Submitted: April 23, 2018

Tested: April 23, 2018

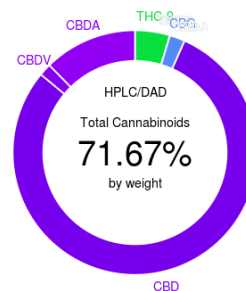
Expires: April 20, 2019

Submitted for: HPLC, Chemres,

Profiling by Liquid Chromatography - Pass

(SOP-014) | Date Performed: 2018-04-26

Cannabinoid	Percent	mg/g	LOQ	LOD	L.C. ¹	Status
d9-THC	3.32	33.25	5.00	1.67	-	Pass
d8-THC	ND ¹	ND ¹	5.00	1.67	-	Pass
THCA	ND ¹	ND ¹	5.00	1.67	-	Pass
THCV	ND ¹	ND ¹	5.00	1.67	-	Pass
CBG	1.46	14.62	5.00	1.67	-	Pass
CBGA	ND ¹	ND ¹	5.00	1.67	-	Pass
CBN	ND ¹	ND ¹	5.00	1.67	-	Pass
CBD	56.88	568.82	5.00	1.67	-	Pass
CBDV	1.17	11.68	5.00	1.67	-	Pass
CBDA	8.84	88.41	5.00	1.67	-	Pass
Total	71.67	716.78	NA	NA	-	Pass



HPLC/DAD results are not moisture normalized.

-100% Decarboxylated THC

¹L.C. = Label Claim in percentage units

Microbiological Screening -

Petrifilm screening for microbiological contamination. [SOP-009] | Date Performed:

	Analysis	Limit of Detection	Action Limits	Status
Shiga-Toxin E. Coli	NA	< 1 cfu/g	cfu/g	
Salmonella	NA	< 1 cfu/g	cfu/g	
Aspergillus	NA	< 1 cfu/g	cfu/g	
Pseudomonas	NA	< 1 cfu/g	cfu/g	
APC	NA	< 1 cfu/g	cfu/g	
E. Coli	NA	< 1 cfu/g	cfu/g	
Coliform	NA	< 1 cfu/g	cfu/g	
Yeast & Mold	NA	< 1 cfu/g	cfu/g	

*TNTC = Too Numerous To Count

¹ND = Not Detected

Residual Solvent Analysis -

Analysis of residual solvents. [SOP-011] | Date Performed:

Solvent	ug/g	Action Limit	LOQ	LOD	Status
Benzene	NT				
Chloroform	NT				
1,2-Dichloroethane	NT				
Ethylene Oxide	NT				
Methylene Chloride	NT				
Trichloroethylene	NT				
Acetone	NT				
Acetonitrile	NT				
Ethanol	NT				
Ethyl Acetate	NT				
Heptane	NT				
Hexane	NT				
Isopropanol	NT				
Methanol	NT				
N-Butane	NT				
Pentane	NT				
Propane	NT				
Toluene	NT				
Total Xylenes	NT				

¹ND = Not Detected

**Client Limit is self-selected and will be replaced by official CA State limits when they become available



This sample was tested by CW Analytical Laboratories. Results are valid through the expiration date indicated.

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Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-017] | Date Performed: 2018-04-23

	ug/g	LOQ	LOD	Action Limit	Status		ug/g	LOQ	LOD	Action Limit	Status
Aldicarb	ND ¹	0.04	0.01	0.00	Pass	Fenoxycarb	ND ¹	0.03	0.01	0.00	Pass
Carbofuran	ND ¹	0.02	0.01	0.00	Pass	Fipronil	ND ¹	0.04	0.01	0.00	Pass
Chlordane	ND ¹	0.12	0.04	0.00	Pass	Imazalil	ND ¹	0.01	0.01	0.00	Pass
Chlorfenapyr	ND ¹	0.06	0.02	0.00	Pass	Methiocarb	ND ¹	0.03	0.01	0.00	Pass
Chlorpyrifos	ND ¹	0.13	0.04	0.00	Pass	Mevinphos	ND ¹	0.03	0.01	0.00	Pass
Coumaphos	ND ¹	0.05	0.02	0.00	Pass	Paclbutrazol	ND ¹	0.03	0.01	0.00	Pass
Daminozide	ND ¹	0.05	0.02	0.00	Pass	Parathion methyl	ND ¹	0.14	0.05	0.00	Pass
Dichlorvos	ND ¹	0.03	0.01	0.00	Pass	Propoxure	ND ¹	0.02	0.01	0.00	Pass
Dimethoate	ND ¹	0.05	0.02	0.00	Pass	Spiroxamine	ND ¹	0.03	0.01	0.00	Pass
Ethoprophos	ND ¹	0.05	0.02	0.00	Pass	Thiacloprid	ND ¹	0.02	0.01	0.00	Pass
Etofenprox	ND ¹	0.03	0.01	0.00	Pass						

¹ND = Not Detected
²NT = Not Tested

Terpene Profiling -

Analysis of terpenes. [SOP-012] | Date Performed:

	PPM	mg/g	LOQ	LOD	L.C. ²	Status		PPM	mg/g	LOQ	LOD	L.C. ²	Status
b-Myrcene	NT						Camphor	NT					
Nerol	NT						Borneol	NT					
Nerolidol	NT						Pulegone	NT					
Ocimene	NT						Cedrol	NT					
a-Bisbolol	NT						b-Caryophyllene	NT					
Farnasene	NT						Elemene	NT					
Valencene	NT						Phellandrene	NT					
d3-Carene	NT						Isopulegol	NT					
d-Limonene	NT						Linalool	NT					
g-Terpinene	NT						(+)-Fenchone	NT					
a-Pinene	NT						a-Caryophyllene	NT					
Sabinene	NT						Guaiol	NT					
b-Pinene	NT						Bergamotene	NT					
Camphene	NT						Terpineol	NT					
Eucalyptol	NT						Terpinolene	NT					
(-)-Fenchone	NT						a-Terpinene	NT					
Fenchol	NT												

Total Terpenes 0.0 PPM

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²L.C. = Label Claim



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