

Sample Name: PCR Oil 050119

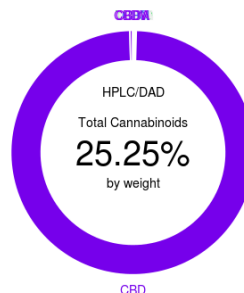
Client: treatibles
 Sample Type: Infusedoil
 Strain: Unknown

Submitted: June 12, 2019
 Tested: June 12, 2019
 Expires: June 12, 2020
 Submitted for: HPLC, Chemres, Micro, Terpenes, Residual Solvent,

Profiling by Liquid Chromatography - Pass

(SOP-014) | Date Performed: 2019-06-12

Cannabinoid	Percent	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ¹	Status
d9-THC	0.06	0.57	0.05	0.02	-	Pass
d8-THC	ND ¹	ND ¹	0.05	0.02	-	Pass
THCA	ND ¹	ND ¹	0.05	0.02	-	Pass
THCV	ND ¹	ND ¹	0.05	0.02	-	Pass
CBG	0.03	0.30	0.05	0.02	-	Pass
CBGA	ND ¹	ND ¹	0.05	0.02	-	Pass
CBN	0.02	0.16	0.05	0.02	-	Pass
CBD	25.04	250.44	0.05	0.02	-	Pass
CBDV	0.09	0.89	0.05	0.02	-	Pass
CBDA	0.01	0.08	0.05	0.02	-	Pass
Total	25.24	252.44	NA	NA	-	Pass
Total THC	0.06	0.57	-	-	-	Pass
Total CBD	25.05	250.51	-	-	-	Pass



HPLC/DAD results are not moisture normalized.

~100% Decarboxylated THC
¹L.C. = Label Claim in Percentage
 Total THC = ((THCA*0.877)+ d9-THC)
 Total CBD = ((CBDA*0.877)+ CBD)

Microbiological Screening - Pass

Petrifilm screening for microbiological contamination. [SOP-009] | Date Performed: 2019-06-12

	Analysis	Limit of Detection	Action Limits	Status
Pseudomonas	ND	< 1 cfu/g	0 cfu/g	Pass
APC	ND	< 1 cfu/g	100000 cfu/g	Pass
E. Coli	ND	< 1 cfu/g	100 cfu/g	Pass
Coliform	ND	< 1 cfu/g	100 cfu/g	Pass
Yeast & Mold	ND	< 1 cfu/g	10000 cfu/g	Pass

*TNTC = Too Numerous To Count

¹ND = Not Detected

Residual Solvent Analysis - Pass

Analysis of residual solvents. [SOP-011] | Date Performed: 2019-06-12

Solvent	ug/g	Action Limit	LOQ (ug/g)	LOD (ug/g)	Status
Benzene	ND ¹	1.0	1.00	0.33	Pass
Chloroform	ND ¹	1.0	1.00	0.33	Pass
1-2-Dichloroethane	ND ¹	1.0	1.00	0.33	Pass
Ethylene Oxide	ND ¹	1.0	1.00	0.33	Pass
Methylene Chloride	ND ¹	1.0	1.00	0.33	Pass
Trichloroethylene	ND ¹	1.0	1.00	0.33	Pass
Acetone	ND ¹	5000	150.00	10.00	Pass
Acetonitrile	ND ¹	410	6.00	2.30	Pass
Ethanol	ND ¹	5000	250.00	2.00	Pass
Ethyl Acetate	ND ¹	5000	250.00	2.00	Pass
Diethyl ether	ND ¹	5000	250.00	2.00	Pass
Heptane	ND ¹	5000	250.00	2.00	Pass
Hexane	ND ¹	290	6.00	2.00	Pass
Isopropanol	ND ¹	5000	50.00	10.00	Pass
Methanol	ND ¹	3000	50.00	10.00	Pass
N-Butane	ND ¹	5000	50.00	6.50	Pass
Pentane	<LOQ	5000	50.00	1.00	Pass
Propane	ND ¹	5000	200.00	10.00	Pass
Toluene	ND ¹	890	3.00	1.00	Pass
Total Xylenes	ND ¹	2170	3.00	1.00	Pass

¹ND = Not Detected

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

Foreign Material Analysis -

Analysis to determine whether foreign material is present | Date Performed:

Analysis **Status**

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Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-017] | Date Performed: 2019-06-12

	ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit	Status		ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit	Status
Abamectin	ND ¹	0.02	0.01	0.30	Pass	Fludioxonil	ND ¹	0.01	0.01	30.00	Pass
Acephate	ND ¹	0.12	0.04	5.00	Pass	Hexythiazox	ND ¹	0.02	0.01	2.00	Pass
Acequinocyl	ND ¹	0.01	0.01	4.00	Pass	Imazalil	ND ¹	0.00	0.00	0.00	Pass
Acetamiprid	ND ¹	0.01	0.01	5.00	Pass	Imidacloprid	ND ¹	0.01	0.01	3.00	Pass
Aldicarb	ND ¹	0.02	0.01	0.00	Pass	Kresoxim-methyl	ND ¹	0.01	0.01	1.00	Pass
Azoxystrobin	ND ¹	0.01	0.01	40.00	Pass	Malathion	ND ¹	0.03	0.01	5.00	Pass
Bifenazate	ND ¹	0.01	0.01	5.00	Pass	Metalaxyl	ND ¹	0.00	0.00	15.00	Pass
Bifenthrin	ND ¹	0.07	0.02	0.50	Pass	Methiocarb	ND ¹	0.01	0.01	0.00	Pass
Boscalid	ND ¹	0.01	0.01	10.00	Pass	Methomyl	ND ¹	0.01	0.01	0.10	Pass
Captan	ND ¹	0.03	0.01	5.00	Pass	Mevinphos	ND ¹	0.01	0.01	0.00	Pass
Carbaryl	ND ¹	0.01	0.01	0.50	Pass	Myclobutanil	ND ¹	0.01	0.01	9.00	Pass
Carbofuran	ND ¹	0.01	0.01	0.00	Pass	Naled	ND ¹	0.02	0.01	0.50	Pass
Chlorantraniliprole	ND ¹	0.02	0.01	40.00	Pass	Oxamyl	ND ¹	0.02	0.01	0.20	Pass
Chlordane	ND ¹	0.05	0.02	0.00	Pass	Paclobutrazol	ND ¹	0.01	0.01	0.00	Pass
Chlorfenapyr	ND ¹	0.02	0.01	0.00	Pass	Parathion methyl	ND ¹	0.06	0.02	0.00	Pass
Chlorpyrifos	ND ¹	0.05	0.02	0.00	Pass	PCNB	ND ¹	0.02	0.01	0.20	Pass
Clofentezine	ND ¹	0.02	0.01	0.50	Pass	Permethrin	ND ¹	0.02	0.01	20.00	Pass
Coumaphos	ND ¹	0.02	0.01	0.00	Pass	Phosmet	ND ¹	0.01	0.01	0.20	Pass
Cyfluthrin	ND ¹	0.05	0.02	1.00	Pass	Piperonyl butoxide	ND ¹	0.01	0.01	8.00	Pass
Cypermethrin	ND ¹	0.04	0.01	1.00	Pass	Prallethrin	ND ¹	0.03	0.01	0.40	Pass
Daminozide	ND ¹	0.02	0.01	0.00	Pass	Propiconazole	ND ¹	0.01	0.01	20.00	Pass
Diazinon	ND ¹	0.01	0.01	0.20	Pass	Propoxur	ND ¹	0.01	0.01	0.00	Pass
Dichlorvos	ND ¹	0.01	0.01	0.00	Pass	Pyrethrin	ND ¹	0.04	0.01	1.00	Pass
Dimethoate	ND ¹	0.02	0.01	0.00	Pass	Pyridaben	ND ¹	0.00	0.00	15.00	Pass
Dimethomorph	ND ¹	0.01	0.01	20.00	Pass	Spinetoram	ND ¹	0.01	0.01	3.00	Pass
Ethoprophos	ND ¹	0.02	0.01	0.00	Pass	Spinosad	ND ¹	0.01	0.01	3.00	Pass
Etofenprox	ND ¹	0.01	0.01	0.00	Pass	Spiromesifen	ND ¹	0.03	0.01	12.00	Pass
Etoxazole	ND ¹	0.01	0.01	1.50	Pass	Spirotetramat	ND ¹	0.01	0.01	13.00	Pass
Fenhexamid	ND ¹	0.01	0.01	10.00	Pass	Spiroxamine	ND ¹	0.01	0.01	0.00	Pass
Fenoxycarb	ND ¹	0.01	0.01	0.00	Pass	Tebuconazole	ND ¹	0.03	0.01	2.00	Pass
Fenpyroximate	ND ¹	0.01	0.01	2.00	Pass	Thiacloprid	ND ¹	0.01	0.01	0.00	Pass
Fipronil	ND ¹	0.02	0.01	0.00	Pass	Thiamethoxam	ND ¹	0.01	0.01	4.50	Pass
Flonicamid	ND ¹	0.02	0.01	0.20	Pass	Trifloxystrobin	ND ¹	0.01	0.01	30.00	Pass

¹ND = Not Detected
 NT = Not Tested

Heavy Metals Profiling - Pass

Analysis of Heavy Metals. [SOP-012] | Date Performed: 2019-06-13

	ug/g	LOQ(ug/g)	LOD(ug/g)	Action Limit	Status
Cadmium	ND ¹	0.03	0.01	0.5	Pass
Lead	ND ¹	0.12	0.04	0.5	Pass
Arsenic	ND ¹	0.06	0.02	1.5	Pass
Mercury	ND ¹	0.03	0.01	3.0	Pass

¹ND = Not Detected

Water Activity -

Analysis to determine water activity | Date Performed:

Aw	Action Limit (Aw)	Status

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Mycotoxin Screening - Pass

Analysis of Mycotoxins. | Date Performed: 2019-06-12

	ug/kg	LOQ (mg/g)	LOD (mg/g)	Status
Aflatoxin B1	ND ¹	4.2	1.4	Pass
aflatoxin B2	ND ¹	4.2	1.4	Pass
Aflatoxin G1	ND ¹	4.2	1.4	Pass
Aflatoxin G2	ND ¹	4.2	1.4	Pass
Ochratoxin A	ND ¹	6.0	2.0	Pass

¹ND = Not Detected**Terpene Profiling - Pass**

Analysis of terpenes. [SOP-012] | Date Performed: 2019-06-12

	Percent	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ²	Status
a-Pinene	ND ¹	0.00	0.1	0.03	-	Pass
Camphene	ND ¹	0.00	0.1	0.03	-	Pass
b-Myrcene	ND ¹	0.00	0.1	0.03	-	Pass
b-Pinene	ND ¹	0.00	0.1	0.03	-	Pass
d3-Carene	ND ¹	0.00	0.1	0.03	-	Pass
a-Terpinene	ND ¹	0.00	0.1	0.03	-	Pass
a-Ocimene	ND ¹	0.00	0.1	0.03	-	Pass
d-Limonene	ND ¹	0.00	0.1	0.03	-	Pass
p-Cymene	ND ¹	0.00	0.1	0.03	-	Pass
b-Ocimene	ND ¹	0.00	0.1	0.03	-	Pass
g-Terpinene	ND ¹	0.00	0.1	0.03	-	Pass
Terpinolene	ND ¹	0.00	0.1	0.03	-	Pass
Linalool	ND ¹	0.00	0.1	0.03	-	Pass
Isopulegol	ND ¹	0.00	0.1	0.03	-	Pass
Geraniol	ND ¹	0.00	0.1	0.03	-	Pass
b-Caryophyllene	ND ¹	0.00	0.1	0.03	-	Pass
a-Caryophyllene	ND ¹	0.00	0.1	0.03	-	Pass
cis-Nerolidol	ND ¹	0.00	0.1	0.03	-	Pass
trans-Nerolidol	ND ¹	0.00	0.1	0.03	-	Pass
guaiol	ND ¹	0.00	0.1	0.03	-	Pass
a-Bisabolol	NT ³	0.00	0.1	0.03	-	Pass

Total Terpenes**0.0 Percent**¹ND = Not Detected²L.C. = Label Claim