

Sample Name: GC premium

Client: coldcreekcompost

Sample Type: Soil

Strain: Unknown

Submitted: March 01, 2021

Tested: March 01, 2021

Expires: March 01, 2022

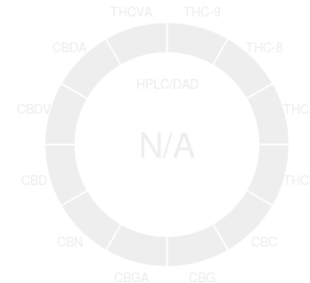
Submitted for: Chemres,



Profiling by Liquid Chromatography - NA

HPLC [SOP-2050] | Date Performed:

Cannabinoid	Percent	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. <sup>1</sup>	Status
d9-THC	NA	NA				
d8-THC	NA	NA				
THCA	NA	NA				
THCV	NA	NA				
THCVA	NA	NA				
CBC	NA	NA				
CBG	NA	NA				
CBGA	NA	NA				
CBN	NA	NA				
CBD	NA	NA				
CBDV	NA	NA				
CBDA	NA	NA				
<b>Total</b>	NA	NA	NA	NA	-	NA
<b>Total THC</b>			-	-		NA
<b>Total CBD</b>			-	-		NA



<sup>1</sup>L.C. = Label Claim in Percentage (%)  
 Total THC = ((THCA\*0.877)+ d9-THC)  
 Total CBD = ((CBDA\*0.877)+ CBD)

Microbiological Screening - NA

Screening for microbiological contamination. [SOP-6010 (Asp), SOP-6060 (Sal), SOP-6070 (STEC) CONTINGENT upon request: SOP-6040 (petrifilm)] | Date Performed:

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

\*TNTC = Too Numerous To Count

†ND = Not Detected

Residual Solvent Analysis - NA

Analysis of residual solvents. GC-FID [SOP-2060] | Date Performed:

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

\*ND = Not Detected

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

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**Chemical Residue Screening - NA**

Targeted analysis of chemical residues. [SOP-2011 (GC), SOP-2012 (LC)] | Date Performed: 2021-03-04

	ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit (ug/g)	Status		ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit (ug/g)	Status
Abamectin	ND <sup>1</sup>	0.1	0.04	0.30	NA	Fludioxonil	ND <sup>1</sup>	0.04	0.02	30.00	NA
Acephate	ND <sup>1</sup>	0.01	0.004	5.00	NA	Hexythiazox	ND <sup>1</sup>	0.01	0.004	2.00	NA
Acequinocyl	ND <sup>1</sup>	0.04	0.02	4.00	NA	Imazalil	ND <sup>1</sup>	0.01	0.004	0.00	NA
Acetamiprid	ND <sup>1</sup>	0.01	0.004	5.00	NA	Imidacloprid	ND <sup>1</sup>	0.01	0.004	3.00	NA
Aldicarb	ND <sup>1</sup>	0.01	0.004	0.00	NA	Kresoxim-methyl	ND <sup>1</sup>	0.04	0.02	1.00	NA
Azoxystrobin	0.05	0.01	0.004	40.00	NA	Malathion	ND <sup>1</sup>	0.01	0.004	5.00	NA
Bifenazate	ND <sup>1</sup>	0.04	0.02	5.00	NA	Metalaxyl	ND <sup>1</sup>	0.01	0.004	15.00	NA
Bifenthrin	ND <sup>1</sup>	0.04	0.02	0.50	NA	Methiocarb	ND <sup>1</sup>	0.01	0.004	0.00	NA
Boscalid	ND <sup>1</sup>	0.01	0.004	10.00	NA	Methomyl	ND <sup>1</sup>	0.04	0.02	0.10	NA
Captan	ND <sup>1</sup>	0.4	0.1	5.00	NA	Mevinphos	ND <sup>1</sup>	0.04	0.02	0.00	NA
Carbaryl	ND <sup>1</sup>	0.01	0.004	0.50	NA	Myclobutanil	ND <sup>1</sup>	0.04	0.02	9.00	NA
Carbofuran	ND <sup>1</sup>	0.01	0.004	0.00	NA	Naled	ND <sup>1</sup>	0.01	0.004	0.50	NA
Chlorantraniliprole	ND <sup>1</sup>	0.01	0.004	40.00	NA	Oxamyl	ND <sup>1</sup>	0.04	0.02	0.20	NA
Chlordane	ND <sup>1</sup>	0.2	0.1	0.00	NA	Paclobutrazol	ND <sup>1</sup>	0.01	0.004	0.00	NA
Chlorfenapyr	ND <sup>1</sup>	0.2	0.1	0.00	NA	Parathion methyl	ND <sup>1</sup>	0.2	0.1	0.00	NA
Chlorpyrifos	ND <sup>1</sup>	0.2	0.1	0.00	NA	PCNB	ND <sup>1</sup>	0.02	0.01	0.20	NA
Clofentezine	ND <sup>1</sup>	0.04	0.02	0.50	NA	Permethrin	ND <sup>1</sup>	0.04	0.02	20.00	NA
Coumaphos	ND <sup>1</sup>	0.01	0.004	0.00	NA	Phosmet	ND <sup>1</sup>	0.01	0.004	0.20	NA
Cyfluthrin	ND <sup>1</sup>	0.2	0.1	1.00	NA	Piperonyl butoxide	ND <sup>1</sup>	0.01	0.004	8.00	NA
Cypermethrin	ND <sup>1</sup>	0.2	0.1	1.00	NA	Prallethrin	ND <sup>1</sup>	0.04	0.02	0.40	NA
Daminozide	ND <sup>1</sup>	0.04	0.02	0.00	NA	Propiconazole	0.15	0.04	0.02	20.00	NA
Diazinon	ND <sup>1</sup>	0.01	0.004	0.20	NA	Propoxur	ND <sup>1</sup>	0.02	0.01	0.00	NA
Dichlorvos	ND <sup>1</sup>	0.01	0.01	0.00	NA	Pyrethrin	ND <sup>1</sup>	0.04	0.01	1.00	NA
Dimethoate	ND <sup>1</sup>	0.01	0.004	0.00	NA	Pyridaben	ND <sup>1</sup>	0.01	0.004	15.00	NA
Dimethomorph	ND <sup>1</sup>	0.01	0.004	20.00	NA	Spinetoram	ND <sup>1</sup>	0.01	0.004	3.00	NA
Ethoprophos	ND <sup>1</sup>	0.02	0.01	0.00	NA	Spinosad	ND <sup>1</sup>	0.01	0.004	3.00	NA
Etofenprox	ND <sup>1</sup>	0.01	0.004	0.00	NA	Spiromesifen	ND <sup>1</sup>	0.01	0.004	12.00	NA
Etoxazole	ND <sup>1</sup>	0.01	0.004	1.50	NA	Spirotetramat	ND <sup>1</sup>	0.01	0.004	13.00	NA
Fenhexamid	ND <sup>1</sup>	0.04	0.02	10.00	NA	Spiroxamine	ND <sup>1</sup>	0.01	0.004	0.00	NA
Fenoxycarb	ND <sup>1</sup>	0.01	0.004	0.00	NA	Tebuconazole	0.02	0.01	0.004	2.00	NA
Fenpyroximate	ND <sup>1</sup>	0.04	0.02	2.00	NA	Thiacloprid	ND <sup>1</sup>	0.01	0.004	0.00	NA
Fipronil	ND <sup>1</sup>	0.01	0.004	0.00	NA	Thiamethoxam	ND <sup>1</sup>	0.01	0.004	4.50	NA
Fonicamid	ND <sup>1</sup>	0.01	0.004	0.20	NA	Trifloxystrobin	ND <sup>1</sup>	0.01	0.004	30.00	NA

<sup>1</sup>ND = Not Detected  
NT = Not Tested

**Heavy Metals Profiling - NA**

Analysis of Heavy Metals. ICP-MS [SOP-2020] | Date Performed:

	ug/g	LOQ(ug/g)	LOD(ug/g)	Action Limit (ug/g)	Status
Cadmium					NA
Lead					NA
Arsenic					NA
Mercury					NA

<sup>1</sup>ND = Not Detected

**Water Activity - NA**

Analysis to determine water activity Water Activity Meter [SOP-4070] | Date Performed:

Aw	Action Limit (Aw)	Status
		NA

**Foreign Material Analysis - NA**

Analysis to determine whether foreign material is present [SOP-2020] | Date Performed:

Analysis	Status
	NA

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Mycotoxin Screening - NA

Analysis of Mycotoxins. LC-MS/MS [SOP-2012] | Date Performed:

	LOQ (mg/g)	LOD (mg/g)	Status
Aflatoxin B1	NT		
aflatoxin B2	NT		
Aflatoxin G1	NT		
Aflatoxin G2	NT		
Ochratoxin A	NT		

<sup>1</sup>ND = Not Detected

Terpene Profiling - NA

Analysis of terpenes. [SOP-2070] | Date Performed:

	PPM	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. <sup>2</sup>	Status
b-Myrcene	NT					NA
a-Bisabolol	NT					NA
d3-Carene	NT					NA
d-Limonene	NT					NA
g-Terpinene	NT					NA
a-Pinene	NT					NA
b-Pinene	NT					NA
Camphene	NT					NA
b-Caryophyllene	NT					NA
Isopulegol	NT					NA
Linalool	NT					NA
a-Humulene	NT					NA
guaiol	NT					NA
Terpinolene	NT					NA
a-Terpinene	NT					NA

Total Terpenes

0.0 PPM

<sup>1</sup>ND = Not Detected

<sup>2</sup>L.C. = Label Claim

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