

Sample Name: Sugar & Kush Batch #110619CSD4

Submitted: October 18, 2019
 Tested: October 18, 2019
 Expires: October 18, 2020
 Submitted for: Chemres, Micro, Residual Solvent,

Sample Type: Edible
 Strain: Unknown

Profiling by Liquid Chromatography -

(SOP-014) | Date Performed:

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



Total THC -
 Total CBD -

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: 2019-10-18

	Analysis	Limit of Detection	Action Limits	Status
Shiga-Toxin E. Coli	ND	< 1 cfu/g	1 cfu/g	Pass
Salmonella	ND	< 1 cfu/g	1 cfu/g	Pass

*TNTC = Too Numerous To Count

*ND = Not Detected

Residual Solvent Analysis - Pass

Analysis of residual solvents. [SOP-011] | Date Performed: 2019-10-18

Solvent	ug/g	Action Limit (ug/g)	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	<LOQ	3000	50.00	10.00	Pass
N-Butane	ND ¹	5000	50.00	6.50	Pass
Pentane	ND ¹	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

*ND = 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: 2019-10-22

	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 ¹	0.04	0.02	0.30	Pass	Fludioxonil	ND ¹	0.08	0.04	30.00	Pass
Acephate	ND ¹	0.08	0.04	5.00	Pass	Hexythiazox	ND ¹	0.04	0.02	2.00	Pass
Acequinocyl	ND ¹	0.04	0.02	4.00	Pass	Imazalil	ND ¹	0.04	0.02	0.00	Pass
Acetamiprid	ND ¹	0.02	0.01	5.00	Pass	Imidacloprid	ND ¹	0.10	0.04	3.00	Pass
Aldicarb	ND ¹	0.04	0.02	0.00	Pass	Kresoxim-methyl	ND ¹	0.10	0.04	1.00	Pass
Azoxystrobin	ND ¹	0.02	0.01	40.00	Pass	Malathion	ND ¹	0.04	0.02	5.00	Pass
Bifenazate	ND ¹	0.02	0.01	5.00	Pass	Metalaxyl	ND ¹	0.04	0.02	15.00	Pass
Bifenthrin	ND ¹	0.08	0.04	0.50	Pass	Methiocarb	ND ¹	0.04	0.02	0.00	Pass
Boscalid	ND ¹	0.04	0.02	10.00	Pass	Methomyl	ND ¹	0.08	0.04	0.10	Pass
Captan	ND ¹	0.04	0.02	5.00	Pass	Mevinphos	ND ¹	0.08	0.04	0.00	Pass
Carbaryl	ND ¹	0.04	0.02	0.50	Pass	Myclobutanil	ND ¹	0.10	0.04	9.00	Pass
Carbofuran	ND ¹	0.04	0.02	0.00	Pass	Naled	ND ¹	0.02	0.01	0.50	Pass
Chlorantraniliprole	ND ¹	0.08	0.04	40.00	Pass	Oxamyl	ND ¹	0.04	0.02	0.20	Pass
Chlordane	ND ¹	0.10	0.04	0.00	Pass	Paclobutrazol	ND ¹	0.04	0.02	0.00	Pass
Chlorfenapyr	ND ¹	0.10	0.04	0.00	Pass	Parathion methyl	ND ¹	0.04	0.02	0.00	Pass
Chlorpyrifos	ND ¹	0.08	0.04	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	0.10	0.04	20.00	Pass
Coumaphos	ND ¹	0.04	0.02	0.00	Pass	Phosmet	ND ¹	0.04	0.02	0.20	Pass
Cyfluthrin	ND ¹	0.10	0.04	1.00	Pass	Piperonyl butoxide	ND ¹	0.10	0.04	8.00	Pass
Cypermethrin	ND ¹	0.10	0.04	1.00	Pass	Prallethrin	ND ¹	0.10	0.04	0.40	Pass
Daminozide	ND ¹	0.08	0.04	0.00	Pass	Propiconazole	ND ¹	0.08	0.04	20.00	Pass
Diazinon	ND ¹	0.02	0.01	0.20	Pass	Propoxur	ND ¹	0.02	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	0.04	0.02	0.00	Pass	Pyridaben	ND ¹	0.04	0.02	15.00	Pass
Dimethomorph	ND ¹	0.04	0.02	20.00	Pass	Spinetoram	ND ¹	0.08	0.04	3.00	Pass
Ethoprophos	ND ¹	0.02	0.01	0.00	Pass	Spinosad	ND ¹	0.04	0.02	3.00	Pass
Etofenprox	ND ¹	0.04	0.02	0.00	Pass	Spiromesifen	ND ¹	0.08	0.04	12.00	Pass
Etoxazole	ND ¹	0.04	0.02	1.50	Pass	Spirotetramat	ND ¹	0.04	0.02	13.00	Pass
Fenhexamid	ND ¹	0.08	0.04	10.00	Pass	Spiroxamine	ND ¹	0.04	0.02	0.00	Pass
Fenoxycarb	ND ¹	0.04	0.02	0.00	Pass	Tebuconazole	ND ¹	0.08	0.04	2.00	Pass
Fenpyroximate	ND ¹	0.08	0.04	2.00	Pass	Thiacloprid	ND ¹	0.04	0.02	0.00	Pass
Fipronil	ND ¹	0.08	0.04	0.00	Pass	Thiamethoxam	ND ¹	0.04	0.02	4.50	Pass
Fonicamid	ND ¹	0.04	0.02	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: 2019-10-20

	ug/g	LOQ(ug/g)	LOD(ug/g)	Action Limit (ug/g)	Status
Cadmium	<LOQ	0.04	0.01	0.5	Pass
Lead	ND ¹	0.04	0.01	0.5	Pass
Arsenic	ND ¹	0.07	0.02	1.5	Pass
Mercury	ND ¹	0.05	0.02	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 -

Analysis of Mycotoxins. | Date Performed:

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

¹ND = Not Detected

Terpene Profiling -

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

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

Total Terpenes

0.0 PPM

¹ND = Not Detected

²L.C. = Label Claim

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