CERTIFICATE OF ANALYSIS

CW ANALYTICAL LABORATORIES | 510.545.6984 | 851 81st Avenue, Suite D, Oakland, CA 94621 | License No. C8-0000077-LIC

Sample Name: Sugar & Kush Batch #110619COR2

Sample Type: Edible Strain: Unknown

Submitted: October 18, 2019 Tested: October 18, 2019 Expires: October 18, 2020

Submitted for: Chemres, Micro, Residual Solvent,

Profiling by Liquid Chromatography -

Cannabinoid	Percent	mg/g Total mg	mg/svg LO	Q (mg/g) LC	D (mg/g)	L.C.	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 CRD							

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

Microbiological Screening - Pass

Petriflim 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

¹ND = Not Detected

Residual Solvent Analysis - Pass

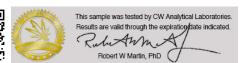
Analysis of residual solvents. [SOP-011] | Date Performed: 2019-10-18

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< td=""><td>3000</td><td>50.00</td><td>10.00</td><td>Pass</td><td></td></loq<>	3000	50.00	10.00	Pass	
N-Butane	ND^1	5000	50.00	6.50	Pass	
Pentane	<loq< td=""><td>5000</td><td>50.00</td><td>1.00</td><td>Pass</td><td></td></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	

Foreign Material Analysis -

Analysis Status





[&]quot;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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Submitted for: Chemres, Micro, Residual Solvent,

Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-017] | Date Performed: 2019-10-22

raigeted analysis of Chemical re	ug/g		g/g)LOD (ug		Status		ug/g	LOQ (u	g/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
Flonicamid *ND = Not Detected	ND ¹	0.04	0.02	0.20	Pass	Trifloxystrobin	ND ¹	0.01	0.01	30.00	Pass

^{*}ND = Not Detected NT = Not Tested

Heavy Metals Profiling - Pass

Analysis of Heavy Metals. [SOP-012] | Date Performed: 2019-10-20

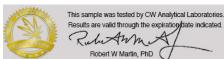
	ug/g	LOQ(ug/g)	LOD(ug/g)	Action Limit (ug/g)	Status
Cadmium	<loq< td=""><td>0.04</td><td>0.01</td><td>0.5</td><td>Pass</td></loq<>	0.04	0.01	0.5	Pass
Lead	ND^1	0.04	0.01	0.5	Pass
Arsenic	ND^1	0.07	0.02	1.5	Pass
Mercury	ND^1	0.05	0.02	3.0	Pass
¹ ND = Not Detected					

Water Activity -

Analysis to determine water activity | Date Performed:

Aw Action Limit (Aw) Status





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Sample Type: Edible Strain: Unknown

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				

Terpene Profiling -

Analysis of tarnanas	ISOP-0121 Date Perfor	med

Analysis of terpenes. [SOP-012] Date Perform						
	PPM	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ²	Status
b-Myrcene	NT					
	N.I.T.					
a-Bisabolol	NT					
d3-Carene	NT					
d-Limonene	NT NT					
g-Terpinene a-Pinene	NT					
a i iliciic	141					
b-Pinene	NT					
Camphene	NT					
	N.I.T.					
b-Caryophyllene	NT					
Isopulegol	NT					
Linalool	NT					
a Carvonhyllono	NT					
a-Caryophyllene guaiol	NT					
gaaror						
Terpinolene	NT					
a-Terpinene	NT					

Total Terpenes

0.0 PPM

CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgment. However, CW makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab@cwanalytical.com



