CERTIFICATE OF ANALYSIS

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

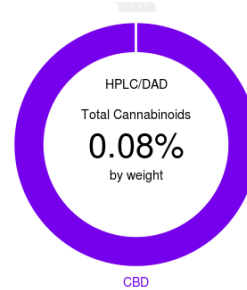**Sample Name: Sugar & Kush Charcoal B#041620**

Client: sugarandkush
Sample Type: Topical
Strain: Unknown
Product Weight: 131.26 g

Submitted: April 20, 2020
Tested: April 20, 2020
Expires: April 20, 2021
Submitted for: HPLC, Micro,

Profiling by Liquid Chromatography - Pass

(SOP-014) | Date Performed: 2020-04-22

Cannabinoid	Percent	mg/g	Total mg	mg/svg	LOQ (mg/g)	LOD (mg/g)	L.C.[1]	Status
d9-THC	ND[1]	ND[1]	0.00	0.00	0.05	0.02	-	Pass
d8-THC	ND[1]	ND[1]	0.00	0.00	0.05	0.02	-	Pass
THCA	ND[1]	ND[1]	0.00	0.00	0.05	0.02	-	Pass
THCV	ND[1]	ND[1]	0.00	0.00	0.05	0.02	-	Pass
THCVA	ND[1]	ND[1]	0.00	0.00	0.05	0.02	-	Pass
CBG	ND[1]	ND[1]	0.00	0.00	0.05	0.02	-	Pass
CBGA	ND[1]	ND[1]	0.00	0.00	0.05	0.02	-	Pass
CBN	ND[1]	ND[1]	0.00	0.00	0.05	0.02	-	Pass
CBD	0.08	0.83	109.03	0.00	0.05	0.02	-	Pass
CBDV	ND[1]	ND[1]	0.00	0.00	0.05	0.02	-	Pass
CBDA	ND[1]	ND[1]	0.00	0.00	0.05	0.02	-	Pass
Total	0.08	0.830	109.03	NA	NA	NA	-	Pass
Total THC	ND[1]	ND[1]	ND[1]	-	-	-	-	Pass
Total CBD	0.08	0.83	109.03	-	-	-	-	Pass

HPLC/DAD results are not moisture normalized.
~0% Decarboxylated THC
[1] L.C. = Label Claim in mg/g
Total THC = ((THCA*0.877)+ d9-THC)
Total CBD = ((CBDA*0.877)+ CBD)

HPLC/DAD

Total Cannabinoids

0.08%

by weight

CBD

Microbiological Screening - Pass

Petriflim screening for microbiological contamination. [SOP-009] | Date Performed: 2020-04-20

	Analysis	Limit of Detection	Action Limits	Status
Shiga-Toxin E. Coli	ND	< 1 cfu/g	10 cfu/g	Pass
Salmonella	ND	< 1 cfu/g	0 cfu/g	Pass

*TNTC = Too Numerous To Count

[1]ND = Not Detected

Residual Solvent Analysis -

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

Solvent	ug/g	Action Limit (ug/g)	LOQ (ug/g)	LOD (ug/g)	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				
Diethyl ether	NT				
Heptane	NT				
Hexane	NT				
Isopropanol	NT				
Methanol	NT				
N-Butane	NT				
Pentane	NT				
Propane	NT				
Toluene	NT				
Total Xylenes	NT				

*ND = 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.

Robert W Martin, PhD