



SONOMA LABWORKS

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Report of Analysis Revision: 05/02/18 DC

Distributor:	N/A	Client:	<i>The Oil Plant</i>
Distributor Address:	N/A	Client Address:	<i>3416 Standish Ave Ste #102, Santa Rosa CA</i>
Distributor License #:	N/A	Client License #:	<i>CDPH-T00000488</i>
Date Collected:	<i>08/20/2019</i>	Batch #:	<i>TOP-THC-1233C</i>
Date Received:	<i>8/20/2019</i>	Dates of Analysis:	<i>8/26/2019 - 8/26/2019</i>

Sample Code:	<i>19R000879</i>
Sample Type:	<i>Inhalable</i>
Sample Matrix:	<i>Extract</i>
Sample Name:	<i>Cookies Kief Extract</i>
Total Batch:	<i>3 g</i>
Primary Sample:	

Test Summary		
Overall Batch Result	Pass	
Total Calculated d9-THC (%)	71.99	
Total d9 THC (mg) per package	NoCalc	
Total Calculated CBD (%)	0.43	
Total CBD (mg) per package	NoCalc	
Total Cannabinoids (%)	80.01	
Residual Solvents (Detect/No Detect)	NT	NT
Microbial Result (Pass/Fail)	NT	NT
Pesticide Screen (Detect/No Detect)	NT	NT
Heavy Metals Screen (Detect/No Detect)	NT	NT
Mycotoxin Screen (Detect/No Detect)	NT	NT
Total Terpenes (%)	0.43	Pass
Percent Moisture (%)	NT	NT
Water Activity (Aw)	NT	NT
Foreign Material (Present/Absent)	NT	NT
Density	NT	N/A



Ivy Compagno
 Lab Supervisor
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8/27/2019

Date

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Report of Analysis

V8.2.3
Revision: 5/02/19 DC

Potency Test Result			Extract	
SOP: [SLW-CC] Method: HPLC Date Tested: 8/26/2019				
Target Analyte	% Test	mg/g	LOD mg/g	LOQ mg/g
CBD	ND	ND	0.01	0.05
CBGA	ND	ND	0.01	0.05
CBG	3.94	39.38	0.01	0.05
CBD	0.43	4.33	0.01	0.05
THCV	0.54	5.37	0.01	0.05
CBN	1.26	12.62	0.01	0.05
THCA	ND	ND	0.01	0.05
Delta 9-THC (d9-THC)	71.99	719.92	0.01	0.05
Delta 8-THC (d8-THC)	ND	ND	0.01	0.05
CBC	1.85	18.50	0.01	0.05

*All cannabinoid results calculated in accordance with 5724. of CA Code of Regulations Title 16

Residual Solvent Screen - Category 1				California Limit - All Products	
SOP: [SLW-RS] Method: GCMS Date Tested:					
Target Analyte	PPM (ug/g)	LOD (ug/g)	LOQ (ug/g)	Pass/Fail	
1,2-Dichloroethane	NT	1.0	1.0	NT	
Benzene	NT	1.0	1.0	NT	
Chloroform	NT	1.0	1.0	NT	
Ethylene oxide	NT	1.0	1.0	NT	
Methylene chloride	NT	1.0	1.0	NT	
Trichloroethylene	NT	1.0	1.0	NT	

Residual Solvent Screen - Category 2				California Limit - Cannabidiol Product	
SOP: [SLW-RS] Method: GCMS Date Tested:					
Target Analyte	PPM	LOD (ug/g)	LOQ (ug/g)	PPM (ug/g)	Pass/Fail
Acetone	NT	100.0	500.0	NT	NT
Acetonitrile	NT	5.0	41.0	NT	NT
Butane	NT	100.0	1000.0	NT	NT
Ethanol	NT	1.0	10.0	NT	NT
Ethyl acetate	NT	100.0	500.0	NT	NT
Ethyl ether	NT	100.0	500.0	NT	NT
Heptane	NT	100.0	500.0	NT	NT
Hexane	NT	1.0	29.0	NT	NT
Isopropyl Alcohol	NT	1.0	10.0	NT	NT
Methanol	NT	100.0	300.0	NT	NT
Pentane	NT	100.0	500.0	NT	NT
Propane	NT	500.0	5000.0	NT	NT
Toluene	NT	100.0	100.0	NT	NT
Total Xylenes	NT	1.0	10.0	NT	NT

Microbial Screen		California Limit	
SOP: [SLW-MIA] Method: Petrifilm™ Date Tested:			
Microbiological Assay	Threshold	Pass/Fail	
Salmonella	NT	NT	
Escherichia Coli (STEC)	NT	NT	
Aspergillus niger	NT	NT	
Aspergillus fumigatus	NT	NT	
Aspergillus flavus	NT	NT	
Aspergillus terreus	NT	NT	

Heavy Metals Screen				California Limit - Inhalable Cannabis	
SOP: [SLW-MM] Method: ICPMS Date Tested:					
Target Analyte	PPM	LOD (ug/g)	LOQ (ug/g)	PPM (ug/g)	Pass/Fail
Cadmium	NT	0.05	0.10	NT	NT
Lead	NT	0.05	0.10	NT	NT
Arsenic	NT	0.05	0.10	NT	NT
Mercury	NT	0.05	0.10	NT	NT

Mycotoxin Screen				California Limit	
SOP: [SLW-MM] Method: LC/MS/MS Date Tested:					
Target Analyte	PPB (ug/kg)	LOD (ug/ka)	LOQ (ug/ka)	PPB (ug/kg)	Pass/Fail
Aflatoxin B1	NT	1.0	4.0	NT	NT
Aflatoxin B2	NT	1.0	4.0	NT	NT
Aflatoxin G1	NT	1.0	4.0	NT	NT
Aflatoxin G2	NT	1.0	4.0	NT	NT
Total Aflatoxin	NT	4.0	16.0	NT	NT
Ochratoxin A	NT	1.0	4.0	NT	NT

Terpene Test Result				
SOP: [SLW-TA] GC/MS Date Tested: 8/26/2019				
Target Analyte	% Test	mg/g	LOD (mg/g)	LOQ (mg/g)
alpha-Bisabolol	ND	ND	0.002	0.010
Camphene	ND	ND	0.002	0.010
delta-3-Carene	ND	ND	0.002	0.010
beta-Caryophyllene	<LOQ	<LOQ	0.002	0.010
Caryophyllene Oxide	<LOQ	<LOQ	0.002	0.010
p-Cymene	ND	ND	0.002	0.01
Eucalyptol	<LOQ	<LOQ	.002	.010
Geraniol	ND	ND	0.002	0.010
Guaicol	ND	ND	0.002	0.010
alpha-Humulene	0.03	0.33	0.002	0.010
Isopulegol	ND	ND	0.002	0.010
delta-Limonene	0.04	0.40	0.002	0.010
Linalool	0.05	0.49	0.002	0.010
beta-Myrcene	0.09	0.95	0.002	0.010
Nerolidol 1	ND	ND	0.002	0.010
Nerolidol 2	ND	ND	0.002	0.01
beta-Ocimene	ND	ND	0.002	0.010
alpha-Ocimene	<LOQ	<LOQ	0.002	0.010
alpha-Pinene	<LOQ	<LOQ	0.002	0.010
beta-Pinene	ND	ND	0.002	0.010
alpha-Terpinene	ND	ND	0.002	0.010
Gamma-Terpinene	ND	ND	0.002	0.010
Terpinolene	0.05	0.50	0.002	0.01

Client:	The Oil Plant
Client Address:	3416 Standish Ave Ste #102, Santa Rosa CA
Client License#:	CDPH-T00000488
Batch #	TOP-THC-1233C
Date of Analysis:	08/26/2019
Sample Name:	Cookies Kief Extract

Percent Moisture (%)	N/A	California Limit
SOP: [SLW-MCW] Method: Analyze Date Tested:		
Water Activity (Aw)	N/A	N/A
SOP: [SLW-MCW] A. Probe Date Tested:		
Foreign Material	N/A	N/A
SOP: [SLW-PM] Visual Inspection Date Tested:		

Pesticide Screen Result - Category 1				California Limit - All Products	
SOP: [SLW-PA] Method: LC/MS/MS ES/IC/MS/MS Date Tested:					
Target Analyte	PPM (ug/g)	LOD (ug/g)	LOQ (ug/g)	Pass/Fail	
Aldicarb	NT	0.02	0.08	NT	
Carbofuran	NT	0.02	0.08	NT	
Chlordane	NT	0.05	0.10	NT	
Chlorfenvinphos	NT	0.05	0.10	NT	
Chlorpyrifos	NT	0.02	0.08	NT	
Coumaphos	NT	0.02	0.08	NT	
Daminozide	NT	0.02	0.08	NT	
Dichlorvos	NT	0.02	0.08	NT	
Dimethoate	NT	0.02	0.08	NT	
Ethionphos	NT	0.02	0.08	NT	
Etofenprox	NT	0.02	0.08	NT	
Fenoxycarb	NT	0.02	0.08	NT	
Fipronil	NT	0.02	0.08	NT	
Imazalil	NT	0.02	0.08	NT	
Methiocarb	NT	0.02	0.08	NT	
Methyl Parathion	NT	0.05	0.10	NT	
Mevinphos	NT	0.02	0.08	NT	
Paclitubutrazol	NT	0.02	0.08	NT	
Propoxur	NT	0.02	0.08	NT	
Spiroxime	NT	0.02	0.08	NT	
Thiodiazinon	NT	0.02	0.08	NT	

Pesticide Screen Result - Category 2				California Limit - Inhalable Cannabis	
SOP: [SLW-PA] Method: LC/MS/MS ES/IC/MS/MS Date Tested:					
Target Analyte	PPM (ug/g)	LOD (ug/g)	LOQ (ug/g)	PPM (ug/g)	Pass/Fail
Acephate	NT	NT	0.08	NT	Pass
Acequinocyl	NT	0.02	0.08	NT	NT
Acetamiprid	NT	0.02	0.08	NT	NT
Avermectin B1a (Abamectin)	NT	0.02	0.08	NT	NT
Avermectin B1b (Abamectin)	NT	0.10	0.20	NT	NT
Azoxystrobin	NT	0.02	0.08	NT	NT
Bifenazate	NT	0.02	0.08	NT	NT
Bifenthrin	NT	0.02	0.08	NT	NT
Boscalid	NT	0.02	0.08	NT	NT
Captan	NT	0.12	0.20	NT	NT
Carbaryl	NT	0.02	0.08	NT	NT
Chlorantraniliprole	NT	0.02	0.08	NT	NT
Clofentezine	NT	0.02	0.08	NT	NT
Cyfluthrin	NT	0.05	0.10	NT	NT
Cypermethrin	NT	0.05	0.10	NT	NT
Diazinon	NT	0.02	0.08	NT	NT
Dimethomorph	NT	0.02	0.08	NT	NT
Etoxazole	NT	0.02	0.08	NT	NT
Fenhexamid	NT	0.02	0.08	NT	NT
Fenpyroximate	NT	0.02	0.08	NT	NT
Flonicamid	NT	0.02	0.08	NT	NT
Fludioxonil	NT	0.02	0.08	NT	NT
Hexythiazox	NT	0.02	0.08	NT	NT
Imidacloprid	NT	0.02	0.08	NT	NT
Kresoxin-methyl	NT	0.02	0.08	NT	NT
Malathion	NT	0.02	0.08	NT	NT
Metaxalyl	NT	0.02	0.08	NT	NT
Methomyl	NT	0.02	0.08	NT	NT
Myclobutanil	NT	0.02	0.08	NT	NT
Naled	NT	0.02	0.08	NT	NT
Oxamyl	NT	0.02	0.08	NT	NT
Pentachloronitrobenzene	NT	0.05	0.10	NT	NT
Permethrin, CIS-	NT	0.02	0.08	NT	NT
Permethrin, Trans-	NT	0.02	0.08	NT	NT
Phosmet	NT	0.02	0.08	NT	Pass
Piperonyl butoxide	NT	0.02	0.08	NT	NT
Prallethrin	NT	0.02	0.08	NT	NT
Propiconazole	NT	0.02	0.08	NT	NT
Pyrethrin	NT	0.02	0.08	NT	NT
Pyridaben	NT	0.02	0.08	NT	NT
Spinetoram	NT	0.02	0.08	NT	NT
Spinosyn A (Spinosad)	NT	0.02	0.08	NT	NT
Spinosyn D (Spinosad)	NT	0.08	0.16	NT	NT
Spiromesifen	NT	0.02	0.08	NT	NT
Spiromesifen	NT	0.02	0.08	NT	NT
Tebuconazole	NT	0.02	0.08	NT	NT
Thiamethoxam	NT	0.02	0.08	NT	NT
Trifloxystrobin	NT	0.02	0.08	NT	NT

ND = None Detected, NT = Not Tested, N/A = Not Applicable, <LOQ = Less than Limit of Quantitation, LOD = Limit of Detection

All results have accompanying LQC samples adhering to section 5730 of CA Code of Regulations Title 16