



# SONOMA LABWORKS

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## Report of Analysis Revision: 05/02/18 DC

<b>Distributor:</b>	N/A	<b>Client:</b>	Fog & Tree
<b>Distributor Address:</b>	N/A	<b>Client Address:</b>	725 E. Washington St. Ste 205, Petaluma CA
<b>Distributor License #:</b>	N/A	<b>Client License #:</b>	N/A
<b>Date Collected:</b>	02/06/2020	<b>Batch #:</b>	F&T3
<b>Date Received:</b>	2/6/2020	<b>Dates of Analysis:</b>	2/10/2020 - 2/10/2020

<b>Sample Code:</b>	20R001219
<b>Sample Type:</b>	Non-Inhalable
<b>Sample Matrix:</b>	Topical
<b>Sample Name:</b>	Fog & Tree Beard Conditioner
<b>Total Batch:</b>	N/A
<b>Primary Sample:</b>	

Test Summary		
Overall Batch Result	Pass	
Total Calculated d9-THC (mg/ml)	0.00	
Total d9 THC (mg) per package	NoCalc	
Total Calculated CBD (mg/ml)	1.60	
Total CBD (mg) per package	NoCalc	
Total Cannabinoids (mg) per package	NoCalc	
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 (%)	NT	N/A
Percent Moisture (%)	NT	NT
Water Activity (Aw)	NT	NT
Foreign Material (Present/Absent)	NT	NT
Density	.87	N/A



  
 Luke Khoury  
 Senior Scientist  
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2/10/2020  
 Date

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# Report of Analysis

V8.2.3  
Revision: 5/02/19 DC

Potency Test Result		Topical		
SOP: [SLW-CC] Method: HPLC		Date Tested: 2/10/2020		
Target Analyte	% Test	mg/ml	LOD mg/ml	LOQ mg/ml
CBDA	ND	ND	0.01	0.05
CBGA	ND	ND	0.01	0.05
CBG	0.01	0.10	0.01	0.05
CBD	0.18	1.60	0.01	0.05
THCV	ND	ND	0.01	0.05
CBN	ND	ND	0.01	0.05
THCA	ND	ND	0.01	0.05
Delta 9-THC (d9-THC)	ND	ND	0.01	0.05
Delta 8-THC (d8-THC)	ND	ND	0.01	0.05
CBC	ND	ND	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 - Cannabinoid Product
SOP: [SLW-RS] Method: GCMS				Date Tested:
Target Analyte	PPM	LOD (ug/g)	LOQ (ug/g)	Pass/Fail
Acetone	NT	100.0	500.0	NT
Acetonitrile	NT	5.0	41.0	NT
Butane	NT	100.0	1000.0	NT
Ethanol	NT	1.0	10.0	NT
Ethyl acetate	NT	100.0	500.0	NT
Ethyl ether	NT	100.0	500.0	NT
Heptane	NT	100.0	500.0	NT
Hexane	NT	1.0	29.0	NT
Isopropyl Alcohol	NT	1.0	10.0	NT
Methanol	NT	100.0	300.0	NT
Pentane	NT	100.0	500.0	NT
Propane	NT	500.0	5000.0	NT
Toluene	NT	100.0	100.0	NT
Total Xylenes	NT	1.0	10.0	NT

Microbial Screen		California Limit
SOP: [SLW-MIA] Method: Pathocheck™		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 - Non-Inhalable Cannabis
SOP: [SLW-HM] Method: ICPMS				Date Tested:
Target Analyte	PPM	LOD (ug/g)	LOQ (ug/g)	Pass/Fail
Cadmium	NT	0.05	0.10	NT
Lead	NT	0.05	0.10	NT
Arsenic	NT	0.05	0.10	NT
Mercury	NT	0.05	0.10	NT

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

Terpene Test Result				
SOP: [SLW-TA] GC/MS				
Date Tested:				
Target Analyte	% Test	mg/g	LOD (mg/g)	LOQ (mg/g)
alpha-Bisabolol	NT	NT	0.02	0.10
Camphene	NT	NT	0.02	0.10
delta-3-Carene	NT	NT	0.02	0.10
beta-Caryophyllene	NT	NT	0.02	0.10
Caryophyllene Oxide	NT	NT	0.02	0.10
p-Cymene	NT	NT	0.02	0.10
Eucalyptol	NT	NT	0.02	0.10
Geraniol	NT	NT	0.02	0.10
Guaiol	NT	NT	0.02	0.10
alpha-Humulene	NT	NT	0.02	0.10
Isopulegol	NT	NT	0.02	0.10
delta-Limonene	NT	NT	0.02	0.10
Linalool	NT	NT	0.02	0.10
beta-Myrcene	NT	NT	0.02	0.10
Nerolidol 1	NT	NT	0.02	0.10
Nerolidol 2	NT	NT	0.02	0.10
beta-Ocimene	NT	NT	0.02	0.10
alpha-Ocimene	NT	NT	0.02	0.10
alpha-Pinene	NT	NT	0.02	0.10
beta-Pinene	NT	NT	0.02	0.10
alpha-Terpinene	NT	NT	0.02	0.10
Gamma-Terpinene	NT	NT	0.02	0.10
Terpinolene	NT	NT	0.02	0.10

<b>Client:</b>	Fog & Tree
<b>Client Address:</b>	725 E. Washington St. Ste 205, Petaluma CA
<b>Client License#:</b>	N/A
<b>Batch #</b>	F&T3
<b>Date of Analysis:</b>	02/10/2020
<b>Sample Name:</b>	Fog & Tree Beard Conditioner

Percent Moisture (%)	N/A	California Limit	N/A
SOP: [SLW-MO] Method: Moisture Analyzer			
<b>Date Tested:</b>			
Water Activity (Aw)	N/A	California Limit	N/A
SOP: [SLW-AW] A. Probe			
<b>Date Tested:</b>			
Foreign Material	N/A	California Limit	N/A
SOP: [SLW-FM] Visual Inspection			
<b>Date Tested:</b>			

Pesticide Screen Result - Category 1				California Limit - All Products
SOP: [SLW-PA] Method: LCMSMS ES/ICMSMS				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
Figronil	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
Permethrin	NT	0.02	0.08	NT
Propoxur	NT	0.02	0.08	NT
Spinosad	NT	0.02	0.08	NT
Thiodiazinon	NT	0.02	0.08	NT

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