



SONOMA LABWORKS

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Report of Analysis Revision: 05/02/18 DC

Distributor:	N/A	Client:	Fog & Tree
Distributor Address:	N/A	Client Address:	725 E. Washington St. Ste 205, Petaluma CA
Distributor License #:	N/A	Client License #:	N/A
Date Collected:	12/13/2019	Batch #:	N/A
Date Received:	12/13/2019	Dates of Analysis:	12/18/2019 - 12/27/2019

Sample Code:	19R003773
Sample Type:	Non-Inhalable
Sample Matrix:	Topical
Sample Name:	Fog & Tree Original
Total Batch:	N/A
Primary Sample:	

Test Summary		
Overall Batch Result	Pass	
Total Calculated d9-THC (%)	0.00	
Total d9 THC (mg) per package	NoCalc	
Total Calculated CBD (%)	0.00	
Total CBD (mg) per package	NoCalc	
Total Cannabinoids (%)	0.00	
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 (%)	0.87	Pass
Percent Moisture (%)	NT	NT
Water Activity (Aw)	NT	NT
Foreign Material (Present/Absent)	NT	NT
Density	1	N/A



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1/16/2020

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: 1/16/2020		
Target Analyte	% Test	mg/ml	LOD mg/ml	LOQ mg/ml
CBD	ND	ND	0.001	0.005
CBGA	ND	ND	0.001	0.005
CBG	ND	ND	0.001	0.005
CBD	ND	ND	0.001	0.005
THCV	ND	ND	0.001	0.005
CBN	ND	ND	0.001	0.005
THCA	ND	ND	0.001	0.005
Delta 9-THC (d9-THC)	ND	ND	0.001	0.005
Delta 8-THC (d8-THC)	ND	ND	0.001	0.005
CBC	ND	ND	0.001	0.005

*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: HPLC/MS/MS		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: ICP-MS				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-MAG] Method: LC/MS/MS				Date Tested:
Target Analyte	PPB (ug/kg)	LOD (ug/ka)	LOQ (ug/ka)	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: 12/18/2019				
Target Analyte	% Test	mg/ml	LOD (mg/g)	LOQ (mg/g)
alpha-Bisabolol	ND	NoCalc	0.02	0.10
Camphene	0.08	0.81	0.02	0.10
delta-3-Carene	0.04	0.37	0.02	0.10
beta-Caryophyllene	0.13	1.29	0.02	0.10
Caryophyllene Oxide	ND	ND	0.02	0.10
p-Cymene	ND	ND	0.02	0.10
Eucalyptol	.01	.1	0.02	0.1
Geraniol	ND	ND	0.02	0.10
Guaicol	ND	ND	0.02	0.10
alpha-Humulene	0.02	0.17	0.02	0.10
Isopulegol	ND	ND	0.02	0.10
delta-Limonene	0.26	2.56	0.02	0.10
Linalool	0.14	1.40	0.02	0.10
beta-Myrcene	ND	ND	0.02	0.10
Nerolidol 1	ND	ND	0.02	0.10
Nerolidol 2	ND	ND	0.02	0.10
beta-Ocimene	ND	ND	0.02	0.10
alpha-Ocimene	0.04	0.36	0.02	0.10
alpha-Pinene	0.08	0.80	0.002	0.010
beta-Pinene	0.07	0.68	0.02	0.10
alpha-Terpinene	ND	ND	0.02	0.10
Gamma-Terpinene	ND	ND	0.02	0.10
Terpinolene	ND	ND	0.02	0.10

Client:	Fog & Tree
Client Address:	725 E. Washington St. Ste 205, Petaluma CA
Client License#:	N/A
Batch #	N/A
Date of Analysis:	12/27/2019
Sample Name:	Fog & Tree Original

Percent Moisture (%)	N/A	California Limit	N/A
SOP: [SLW-MO] Method: Moisture Analyzer			
Date Tested:			
Water Activity (Aw)	N/A		N/A
SOP: [SLW-AW] A. Probe			
Date Tested:			
Foreign Material	N/A		N/A
SOP: [SLW-FM] 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
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
Piclorbutrazol	NT	0.02	0.08	NT
Propoxur	NT	0.02	0.08	NT
Spiroxamine	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: LC/MS/MS ES/IC/MS/MS				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	0.05	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
Metaxylol	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