

Report of Analysis

V7.9.1
Revision: 12/24/18 DC

Sonoma Lab Works (707) 757-7757
1201 Corporate Center Parkway Santa Rosa CA 95407
Lich: C8-17-000012-TEMP

Potency Test Result			Potency Summary	
SOP: [SLW-CC] Method: HPLC-DAD American Herbal Pharmacopoeia				
Target Analyte	% Test	mg/g		
CBDA	ND	ND	Total Calculated A9-THC (%)*	3.30
CBGA	ND	ND		
CBG	0.10	0.97	Total Calculated CBD	0.04
CBD	0.04	0.39		
THCV	ND	ND	Total Cannabinoids (%)	3.46
CBN	0.03	0.30		
THCA	ND	ND		
Delta 9-THC (Δ9-THC)	3.30	32.96		
Delta 8-THC (Δ8-THC)	ND	ND		
CBC	ND	ND		

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

Residual Solvent Test Results - Category 1		California Limit - All products	
SOP: [SLW-MS] Method: GC/MS			
Target Analyte	PPM	PPM	Pass/Fail
1,2-Dichloroethane	NT	1.00	NT
Benzene	NT	1.00	NT
Chloroform	NT	1.00	NT
Ethylene oxide	NT	1.00	NT
Methylene chloride	NT	1.00	NT
Tetrahydrofuran	NT	1.00	NT

Residual Solvent Test Results - Category 2		California Limit			
SOP: [SLW-MS] Method: GC/MS					
Target Analyte	PPM	Inhaled Product		Non-Inhaled Product	
		PPM	Pass/Fail	PPM	Pass/Fail
Acetone	NT	3100	NT	5000	NT
Acetonitrile	NT	6	NT	410	NT
Butane	NT	5000	NT	5000	NT
Ethanol	NT	5000	NT	5000	NT
Ethyl acetate	NT	5000	NT	5000	NT
Ethyl ether	NT	5000	NT	5000	NT
Heptane	NT	5000	NT	5000	NT
Hexane	NT	70	NT	290	NT
Isopropyl Alcohol	NT	320	NT	3000	NT
Methanol	NT	400	NT	3000	NT
Pentane	NT	5000	NT	5000	NT
Propane	NT	5000	NT	5000	NT
Toluene	NT	30	NT	850	NT
Total Xylenes	NT	10	NT	2170	NT

Microbial Screen		California Limit	
SOP: [SLW-MS] qPCR PathoSEEK™			
Microbiological Assay		Threshold	Pass/Fail
Salmonella	ND	Detect/1 gram	Pass
Escherichia coli (STEC)	ND	Detect/1 gram	Pass
Aspergillus niger	ND	Detect/1 gram	Pass
Aspergillus fumigatus	ND	Detect/1 gram	Pass
Aspergillus flavus	ND	Detect/1 gram	Pass
Aspergillus terreus	ND	Detect/1 gram	Pass
Total Yeast and Mold*	NT	10000 CFU/g	NT
Total Aerobic Bacteria*	NT	100000 CFU/g	NT
Total Enterobacteriaceae*	NT	1000 CFU/g	NT
Total Coliform Bacteria*	NT	1000 CFU/g	NT
Escherichia coli (Non-STEC)	NT	Detect/1 gram	NT

Heavy Metals Screen		California Limit			
SOP: [SLW-MS] Method: ICP-MS					
Target Analyte	PPM	Inhaled Product		Non-Inhaled Product	
		PPM	Pass/Fail	PPM	Pass/Fail
Cadmium	NT	0.2	NT	0.5	NT
Lead	NT	0.5	NT	0.5	NT
Arsenic	NT	0.2	NT	1.5	NT
Mercury	NT	0.1	NT	3.0	NT

Terpene Test Result			Terpene Summary	
SOP: [SLW-TA] GC/MS				
Target Analyte	% Test	mg/g		
alpha-Bisabolol	ND	ND	Total Terpenes (%)	0.03
Camphene	ND	ND		
delta-3-Carene	ND	ND		
beta-Caryophyllene	ND	ND		
Caryophyllene Oxide	ND	ND		
p-Cymene	ND	ND		
Geraniol	ND	ND		
Guaiol	ND	ND		
alpha-Humulene	ND	ND		
Isopulegol	ND	ND		
delta-Limonene	ND	ND		
Linalool	ND	ND		
beta-Myrcene	0.013	0.132		
Nerolidol 1	ND	ND		
Nerolidol 2	ND	ND		
beta-Ocimene	ND	ND		
alpha-Ocimene	ND	ND		
alpha-Pinene	0.017	0.174		
beta-Pinene	ND	ND		
alpha-Terpinene	ND	ND		
Gamma-Terpinene	ND	ND		
Terpinolene	ND	ND		

Client:	The Oil Plant		
Client Address:	3416 Standish Ave. Suite #102 Santa Rosa, CA 95407		
Client License #:	CDPH-TO0000488		
Report #:	3747		
Sample Code:	374702		
Dates of Analysis:	12/14/18	-	12/21/18
Sample Name:	TOP-THC-0984 Blue Dream		

Percent Moisture (%)	NT	California Limit	
		13%	NT
Water Activity (A_w)	NT	0.65A _w	NT
1/4 Weight Moisture (%)	NT	1/4 total sample area	NT

Pesticide Screen Result - Category 1		California Limit - All products	
SOP: [SLW-PA]			
Target Analyte	PPM	PPM	Pass/Fail
Aldicarb	ND	0.10	Pass
Carbofuran	ND	0.10	Pass
Chlordane	ND	0.10	Pass
Chlorfenapyr	ND	0.10	Pass
Chlorpyrifos	ND	0.10	Pass
Coumaphos	ND	0.10	Pass
Daminozide	ND	0.10	Pass
Dichlorvos	ND	0.10	Pass
Dimethoate	ND	0.10	Pass
Ethoprop(hos)	ND	0.10	Pass
Etofenprox	ND	0.10	Pass
Fenoxycarb	ND	0.10	Pass
Fipronil	ND	0.10	Pass
Imazalil	ND	0.10	Pass
Methiocarb	ND	0.10	Pass
Methyl Parathion	ND	0.10	Pass
Mevinphos	ND	0.10	Pass
Paclbutrazol	ND	0.10	Pass
Propoxur	ND	0.10	Pass
Spiroxamine	ND	0.10	Pass
Thiacloprid	ND	0.10	Pass

Pesticide Screen Category 2		California Limit			
SOP: [SLW-PA]					
Target Analyte	PPM	Inhaled Product		Non-Inhaled Product	
		PPM	Pass/Fail	PPM	Pass/Fail
Acephate	ND	0.10	Pass	5.0	Pass
Acequinocyl	ND	0.10	Pass	4.0	Pass
Acetamiprid	ND	0.10	Pass	5.0	Pass
Avermectin B1a (Abamectin)	ND	0.10	Pass	0.3	Pass
Avermectin B1b (Abamectin)	ND	0.10	Pass	0.3	Pass
Azoxystrobin	ND	0.10	Pass	40.0	Pass
Bifenazate	ND	0.10	Pass	5.0	Pass
Bifenthrin	ND	3.00	Pass	0.5	Pass
Boscalid	ND	0.10	Pass	10.0	Pass
Captan	ND	0.70	Pass	5.0	Pass
Carbaryl	ND	0.50	Pass	0.5	Pass
Chlorantraniliprole	ND	10.00	Pass	40.0	Pass
Clofentezine	ND	0.10	Pass	0.5	Pass
Cyfluthrin	ND	2.00	Pass	1.0	Pass
Cypermethrin	ND	1.00	Pass	1.0	Pass
Diazinon	ND	0.10	Pass	0.2	Pass
Dimethomorph	ND	2.00	Pass	20.0	Pass
Etoxazole	ND	0.10	Pass	1.5	Pass
Fenhexamid	ND	0.10	Pass	10.0	Pass
Fenprophimate	ND	0.10	Pass	2.0	Pass
Flonicamid	ND	0.10	Pass	2.0	Pass
Fludioxonil	ND	0.10	Pass	30.0	Pass
Hexythiazox	ND	0.10	Pass	2.0	Pass
Imidacloprid	ND	5.00	Pass	3.0	Pass
Kresoxim-methyl	ND	0.10	Pass	1.0	Pass
Malathion	ND	0.50	Pass	5.0	Pass
Metalaxyl	ND	2.00	Pass	15.0	Pass
Methomyl	ND	1.00	Pass	0.1	Pass
Myclobutanil	ND	0.10	Pass	3.0	Pass
Oxalid	ND	0.10	Pass	0.5	Pass
Oxamyl	ND	0.50	Pass	0.2	Pass
Pentachloronitrobenzene	ND	0.10	Pass	0.2	Pass
Permethrin, Cis-	ND	0.50	Pass	20.0	Pass
Permethrin, Trans-	ND	0.50	Pass	20.0	Pass
Phosmet	ND	0.10	Pass	0.2	Pass
Piperonyl butoxide	<LOQ	3.00	Pass	8.0	Pass
Prallethrin	ND	0.10	Pass	0.4	Pass
Propiconazole	ND	0.10	Pass	20.0	Pass
Pyrethrins	ND	0.50	Pass	1.0	Pass
Pyridaben	ND	0.10	Pass	3.0	Pass
Spinetoram	ND	0.10	Pass	3.0	Pass
Spinosyn A (Spinosad)	ND	0.10	Pass	3.0	Pass
Spinosyn D (Spinosad)	ND	0.10	Pass	3.0	Pass
Spiromesifen	ND	0.10	Pass	12.0	Pass
Spirotetramat	ND	0.10	Pass	13.0	Pass
Tebuconazole	ND	0.10	Pass	2.0	Pass
Thiamethoxam	ND	5.00	Pass	4.5	Pass
Trifloxystrobin	<LOQ	0.10	Pass	30.0	Pass

Mycotoxin Screen		California Limit			
SOP: [SLW-MA] Method: LUMISS ES1-Dioxin & Strog					
Target Analyte	PPM	Inhaled Product		Non-Inhaled Product	
		PPM	Pass/Fail	PPM	Pass/Fail
Aflatoxin Total	NT	0.02	NT	0.02	NT
Ochratoxin A	NT	0.02	NT	0.02	NT

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

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Analyst: AS Date: 12/21/18 Supervisor: AC Date: 12/21/18