

Report of Analysis

V7.8.3
Revision: 7/31/18 DC

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

Distributor:	N/A
Distributor Address:	N/A
Distributor License #:	N/A
Sample Name:	TOP-CBD-0960 Extra Strength CBD
Sample Matrix:	Infusion
Sample Code:	371002

Manufacturer:	The Oil Plant
Manufacturer Address:	3416 Standish Ave. Suite #102 Santa Rosa, CA 95407
Manufacturer License #:	CDPH-T0000488
Report Number:	3710
Dates of Analysis:	12/4/2018 - 12/7/2018
Date Received:	12/3/2018

Potency Test Result (SLW-CC)			Potency Summary	
Target Analyte	% Test	mg/ml		
CBDA	0.15	1.40	Total Calculated Δ9-THC (%)	0.45
CBGA	0.20	1.83		
CBG	0.23	2.10	Total Calculated CBD (%)	5.45
CBD	5.32	49.48		
THCV	ND	ND	Total Cannabinoids (%)	6.63
CBN	ND	ND		
THCA	0.07	0.68		
Delta 9-THC (Δ9-THC)	0.39	3.59		
Delta 8-THC (Δ8-THC)	ND	ND		
CBC	0.27	2.55		

Percent Moisture (%) (SLW-MCWA)	California Limit		
	NT	13%	NT
Water Activity (Aw) (SLW-MCWA)	NT	0.65Aw	NT
Foreign Material (SLW-FM)	NT	1/4 total sample area	NT

Residual Solvent Test Results - Category 1 (SLW-BS)		California Limit - All products		
Target Analyte	PPM	LOD		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
Trichloroethylene	NT	1.00		NT

Pesticide Screen Result - Category 1 (SLW-PA)		California Limit - All products	
Target Analyte	PPM	Presence/Absence	Pass/Fail
Aldicarb	ND	Presence/Absence	Pass
Carbofuran	ND	Presence/Absence	Pass
Chlordane	ND	Presence/Absence	Pass
Chlorfenapyr	ND	Presence/Absence	Pass
Chlorpyrifos	ND	Presence/Absence	Pass
Coumaphos	ND	Presence/Absence	Pass
Daminozide	ND	Presence/Absence	Pass
Dichlorvos	ND	Presence/Absence	Pass
Dimethoate	ND	Presence/Absence	Pass
Ethoprop(hos)	ND	Presence/Absence	Pass
Etofenprox	ND	Presence/Absence	Pass
Fenoxycarb	ND	Presence/Absence	Pass
Flupronil	ND	Presence/Absence	Pass
Imazail	ND	Presence/Absence	Pass
Methiocarb	ND	Presence/Absence	Pass
Methyl Parathion	ND	Presence/Absence	Pass
Mevinphos	ND	Presence/Absence	Pass
Paclobutrazol	ND	Presence/Absence	Pass
Propoxur	ND	Presence/Absence	Pass
Spiroxamine	ND	Presence/Absence	Pass
Thiacloprid	ND	Presence/Absence	Pass

Residual Solvent Test Results - Category 2 (SLW-BS)		California Limit			
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	5000	NT
Methanol	NT	400	NT	3000	NT
Pentane	NT	5000	NT	5000	NT
Propane	NT	5000	NT	5000	NT
Toluene	NT	30	NT	890	NT
Total Xylenes	NT	10	NT	2170	NT

Pesticide Screen Category 2 (SLW-PA)		California Limit			
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
Chlorantranilprole	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
Fenpyroximate	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	9.0	Pass
Naled	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	ND	3.00	Pass	8.0	Pass
Prallethrin	ND	0.10	Pass	0.4	Pass
Propiconazole	0.02	0.10	Pass	20.0	Pass
Pyrethrins	ND	0.50	Pass	1.0	Pass
Pyridaben	ND	0.10	Pass	3.0	Pass
Spinetoram	0.01	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
Trioxystrobin	ND	0.10	Pass	30.0	Pass

Microbial Test Results (SLW-MS)		California Limit	
Microbiological Assay		Threshold	Pass/Fail
Salmonella	No Detect	Detect/No Detect	Pass
Escherichia coli(STEC)	No Detect	Detect/No Detect	Pass
Aspergillus niger	No Detect	Detect/No Detect	Pass
Aspergillus fumigatus	No Detect	Detect/No Detect	Pass
Aspergillus flavus	No Detect	Detect/No Detect	Pass
Aspergillus terreus	No Detect	Detect/No Detect	Pass
Escherichia coli(Non STEC)*	NT	Detect/No Detect	NT
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

Terpene Test Result (SLW-TA)			Terpene Summary	
Target Analyte	% Test	mg/ml		
alpha-Bisabolol	0.138	1.379	Total Terpenes (%)	0.29
Camphene	ND	ND		
delta-3-Carene	ND	ND	Total Terpenes (mg)	NT
beta-Caryophyllene	0.029	0.289		
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	0.014	0.138		
Nerolidol 1	0.014	0.138		
Nerolidol 2	ND	ND		
beta-Ocimene	ND	ND		
alpha-Ocimene	ND	ND		
alpha-Pinene	0.023	0.228		
beta-Pinene	ND	ND		
alpha-Terpinene	0.074	0.740		
Gamma-Terpinene	ND	ND		
Terpinolene	ND	ND		

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Date: 12/7/18

Supervisor Initials: *AC*

Date: 12/7/18