

License: C8-17-000012-TEMP

Certificate of Analysis

Distributor:	<i>Sonoma Pacific Distribution</i>	Manufacturer:	<i>The Oil Plant</i>
Distributor Address:	<i>3414 Standish Ave, Santa Rosa, CA 95407</i>	Manufacturer Address:	<i>3416 Standish Ave, Suite #102 Santa Rosa, CA 95407</i>
Distributor License #:	<i>M11-18-0000125-TEMP</i>	Manufacturer License #:	<i>CDPH-T00000488</i>
Date Collected:	<i>10/24/2018</i>	Batch #	<i>AZD-100-0001</i>
Date Received:	<i>10/24/2018</i>	Dates of Analysis:	<i>10/26/2018 - 11/1/2018</i>

Sample Code:	<i>ST3979801</i>
Sample Type:	<i>Other Cannabis or Cannabis Product</i>
Sample Name:	<i>Aunt Zelda's - Infused Olive Oil</i>
Total Batch Unit Count:	<i>552</i>
Primary Sample Unit Count:	<i>8</i>

Test Summary		
Total Δ9-THC (mg) per ml	31.04	PASS
Total CBD (mg) per ml	0.29	PASS
Total Cannabinoids (mg) per ml	39.50	PASS
Residual Solvents (Detect/No Detect)	Detect	PASS
Microbial Result (Pass/Fail)	Pass	PASS
Pesticide Screen (Detect/No Detect)	ND	PASS
Total Terpenes (%)	NT	NT
Percent Moisture (%)	NT	NT
Water Activity (A _w)	NT	NT
Foreign Material (Present/Absent)	No Foreign Material	PASS

Affixed Label	
Total Δ9-THC (mg) per ml	N/A
Total CBD (mg) per ml	N/A
Total Cannabinoids (mg) per ml	N/A

Sample Information	
Density (g/ml)	0.91
Average weight per package (g)	N/A

Andrew Hall

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11/1/18

Date

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11/1/18

Date

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Certificate of Analysis

V8.0.4
Revision: 10/14/18 DC

Distributor:	<i>Sonoma Pacific Distribution</i>
Distributor Address:	3414 Standish Ave, Santa Rosa, CA 95407
Distributor License #:	M11-18-0000125-TEMP
Date Collected:	10/24/18
Sample Code:	ST3979801
Sample Matrix:	Infusion

Manufacturer:	<i>The Oil Plant</i>
Manufacturer Address:	3416 Standish Ave, Suite #102 Santa Rosa, CA 95407
Manufacturer License #:	CDPH-T00000488
Batch #	AZD-IOO-0001
Dates of Analysis:	10/26/18 - 11/1/18
Sample Name:	Aunt Zelda's - Infused Olive Oil

Potency Test Result		
SOP: [SLW-CC] Method: HPLC-DAD American Herbal Pharmacopoeia		
Target Analyte	% Test	mg/ml
CBDA	0.03	0.25
CBGA	0.08	0.73
CBG	0.10	0.95
CBD	0.03	0.29
THCV	0.36	3.28
CBN	0.04	0.32
THCA	0.20	1.84
Delta 9-THC (Δ9-THC)	3.41	31.04
Delta 8-THC (Δ8-THC)	0.03	0.27
CBC	0.06	0.52

Percent Moisture (%)	NT	California Limit	
		13%	NT
SOP: [SLW-MCWA] Moisture			
Water Activity (A_w)	NT	0.65A _w	NT
SOP: [SLW-MCWA] Moisture			
Foreign Material	No Foreign Material	1/4 total sample area	PASS
SOP: [SLW-FM]			

Residual Solvent Screen - Category I					California Limit - All products
SOP: [SLW-RS] Method: GC/FID USP <467>					
Target Analyte	PPM	LOD (µg/g)	LOQ (µg/g)		Pass/Fail
1,2-Dichloroethane	ND	0.10	1.00		Pass
Benzene	ND	0.10	1.00		Pass
Chloroform	ND	0.10	1.00		Pass
Ethylene oxide	ND	0.10	1.00		Pass
Methylene chloride	ND	0.10	1.00		Pass
Trichloroethylene	ND	0.10	1.00		Pass

Pesticide Screen Result - Category 1					California Limit - All products
SOP: [SLW-PC] Method: LC/MSMS ESI+/APCI-Dilute & Shoot					
Target Analyte	PPM	LOD (µg/g)	LOQ (µg/g)		Pass/Fail
Aldicarb	ND	1.0 E-3	5.0 E-2		Pass
Carbofuran	ND	1.0 E-3	5.0 E-2		Pass
Chlordane	ND	1.0 E-3	5.0 E-2		Pass
Chlorfenapyr	ND	1.0 E-1	1.0 E-1		Pass
Chlorpyrifos	ND	1.0 E-3	5.0 E-2		Pass
Coumaphos	ND	1.0 E-3	5.0 E-2		Pass
Daminozide	ND	1.0 E-3	5.0 E-2		Pass
Dichlorvos	ND	1.0 E-3	5.0 E-2		Pass
Dimethoate	ND	1.0 E-3	5.0 E-2		Pass
Ethoprop(hos)	ND	1.0 E-3	5.0 E-2		Pass
Etofenprox	ND	1.0 E-3	5.0 E-2		Pass
Fenoxycarb	ND	1.0 E-3	5.0 E-2		Pass
Fipronil	ND	1.0 E-3	5.0 E-2		Pass
Imazalil	ND	1.0 E-3	5.0 E-2		Pass
Methiocarb	ND	1.0 E-3	5.0 E-2		Pass
Methyl Parathion	ND	2.0 E-3	1.0 E-1		Pass
Mevinphos	ND	1.0 E-3	5.0 E-2		Pass
Paclotrazol	ND	1.0 E-3	5.0 E-2		Pass
Propoxur	ND	1.0 E-3	5.0 E-2		Pass
Spiroxamine	ND	1.0 E-3	5.0 E-2		Pass
Thiacloprid	ND	1.0 E-3	5.0 E-2		Pass

Residual Solvent Screen - Category 2						California Limit - Other Cannabis
SOP: [SLW-RS] Method: GC/FID USP <467>						
Target Analyte	PPM	LOD (µg/g)	LOQ (µg/g)	PPM (µg/g)		Pass/Fail
Acetone	ND	1.00	10.00	5000		Pass
Acetonitrile	ND	1.00	1.00	410		Pass
Butane	ND	100	1000	5000		Pass
Ethanol	26	1.00	10.00	5000		Pass
Ethyl acetate	ND	1.00	10.00	5000		Pass
Ethyl ether	ND	1.00	10.00	5000		Pass
Heptane	ND	1.00	10.00	5000		Pass
Hexane	ND	1.00	10.00	290		Pass
Isopropyl Alcohol	ND	1.00	10.00	5000		Pass
Methanol	ND	1.00	10.00	8000		Pass
Pentane	ND	1.00	10.00	5000		Pass
Propane	ND	500	5000	5000		Pass
Toluene	ND	1.00	10.00	890		Pass
Total Xylenes	ND	1.00	10.00	2170		Pass

Pesticide Screen Result - Category 2						California Limit - Other Cannabis
SOP: [SLW-PC] Method: LC/MSMS ESI+/APCI-Dilute & Shoot						
Target Analyte	PPM (µg/g)	LOD (µg/g)	LOQ (µg/g)	PPM (µg/g)		Pass/Fail
Acephate	ND	1.0 E-3	5.0 E-2	5.0		Pass
Acequinocyl	ND	1.0 E-3	5.0 E-2	4.0		Pass
Acetamiprid	ND	1.0 E-3	5.0 E-2	5.0		Pass
Avermectin B1a (Abamectin)	ND	1.0 E-3	5.0 E-2	0.3		Pass
Avermectin B1b (Abamectin)	ND	1.0 E-3	5.0 E-1	0.3		Pass
Azoxystrobin	ND	1.0 E-3	5.0 E-2	40.0		Pass
Bifenazate	ND	1.0 E-3	5.0 E-2	5.0		Pass
Bifenthrin	ND	1.0 E-3	5.0 E-2	0.5		Pass
Boscalid	ND	1.0 E-3	5.0 E-2	10.0		Pass
Captan	ND	2.5 E-1	7.0 E-1	5.0		Pass
Carbaryl	ND	1.0 E-3	5.0 E-2	0.5		Pass
Chlorantraniliprole	ND	1.0 E-3	5.0 E-2	40.0		Pass
Clofentezine	ND	1.0 E-3	5.0 E-2	0.5		Pass
Cyfluthrin	ND	2.0 E-3	1.0 E-1	1.0		Pass
Cypermethrin	ND	1.0 E-3	5.0 E-2	1.0		Pass
Diazinon	ND	1.0 E-3	5.0 E-2	0.2		Pass
Dimethomorph	ND	1.0 E-3	5.0 E-2	20.0		Pass
Etoxazole	ND	1.0 E-3	5.0 E-2	1.5		Pass
Hexenamid	ND	1.0 E-3	5.0 E-2	10.0		Pass
Fenpyroximate	ND	1.0 E-3	5.0 E-2	2.0		Pass
Flonicamid	ND	1.0 E-3	5.0 E-2	2.0		Pass
Fludioxonil	ND	1.0 E-3	5.0 E-2	30.0		Pass
Hexythiazox	ND	1.0 E-3	5.0 E-2	2.0		Pass
Imidacloprid	ND	1.0 E-3	5.0 E-2	3.0		Pass
Kresoxim-methyl	ND	1.0 E-3	5.0 E-2	1.0		Pass
Malathion	ND	1.0 E-3	5.0 E-2	5.0		Pass
Metaxyl	ND	1.0 E-3	5.0 E-2	15.0		Pass
Methomyl	ND	1.0 E-3	5.0 E-2	0.1		Pass
Myclobutanil	ND	1.0 E-3	5.0 E-2	9.0		Pass
Naled	ND	1.0 E-3	5.0 E-2	0.5		Pass
Oxamyl	ND	1.0 E-3	5.0 E-2	0.2		Pass
Pentachloronitrobenzene	ND	1.0 E-3	5.0 E-2	0.2		Pass
Permethrin, Cis-	ND	1.0 E-3	5.0 E-2	20.0		Pass
Permethrin, Trans-	ND	1.0 E-3	5.0 E-2	20.0		Pass
Phosmet	ND	1.0 E-3	5.0 E-2	0.2		Pass
Piperonyl butoxide	ND	1.0 E-3	5.0 E-2	8.0		Pass
Prallethrin	ND	1.0 E-3	5.0 E-2	0.4		Pass
Propiconazole	ND	1.0 E-3	5.0 E-2	20.0		Pass
Pyrethrins	ND	1.0 E-3	5.0 E-2	1.0		Pass
Pyridaben	ND	1.0 E-3	5.0 E-2	3.0		Pass
Spinetoram	ND	1.0 E-3	5.0 E-2	3.0		Pass
Spinosyn A (Spinosad)	<LOQ	1.0 E-3	5.0 E-2	3.0		Pass
Spinosyn D (Spinosad)	<LOQ	1.0 E-2	5.0 E-1	3.0		Pass
Spiromesifen	ND	1.0 E-3	5.0 E-2	12.0		Pass
Spirotetramat	ND	1.0 E-3	5.0 E-2	13.0		Pass
Tebuconazole	ND	1.0 E-3	5.0 E-2	2.0		Pass
Thiamethoxam	ND	1.0 E-3	5.0 E-2	4.5		Pass
Trifloxystrobin	ND	1.0 E-3	5.0 E-2	30.0		Pass

Microbial Screen					California Limit
SOP: [SLW-MB] qPCR PathoSEEK™					
Microbiological Assay		Threshold			Pass/Fail
Salmonella	ND	Detect/1 gram			Pass
Escherichia coli (STEC)	ND	Detect/1 gram			Pass
Aspergillus niger	NT	Detect/1 gram		NT	
Aspergillus fumigatus	NT	Detect/1 gram		NT	
Aspergillus flavus	NT	Detect/1 gram		NT	
Aspergillus terreus	NT	Detect/1 gram		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	
Escherichia coli (Non-STEC)*	NT	Detect/1 gram		NT	

Terpene Test Result		
SOP: [SLW-TA] GC/FID		
Target Analyte	% Test	mg/ml
alpha-Bisabolol	NT	NT
Camphene	NT	NT
delta-3-Carene	NT	NT
beta-Caryophyllene	NT	NT
Caryophyllene Oxide	NT	NT
p-Cymene	NT	NT
Geraniol	NT	NT
Guaiol	NT	NT
alpha-Humulene	NT	NT
Isopulegol	NT	NT
delta-Limonene	NT	NT
Linalool	NT	NT
beta-Myrcene	NT	NT
Nerolidol 1	NT	NT
Nerolidol 2	NT	NT
beta-Ocimene	NT	NT
alpha-Ocimene	NT	NT
alpha-Pinene	NT	NT
beta-Pinene	NT	NT
alpha-Terpinene	NT	NT
Gamma-Terpinene	NT	NT
Terpinolene	NT	NT

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

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

All test results have accompanying LQC samples that adhere to section 5730 of CA Code of Regulations Title 16

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