

License: C8-17-000012-TEMP

Certificate of Analysis

Distributor:	<i>Pacific Expeditors</i>	Cultivator:	<i>LH H2O, Inc</i>
Distributor Address:	<i>3401 Industrial Dr, Santa Rosa, CA 95403</i>	Cultivator Address:	<i>Fort Bragg - Mendocino County</i>
Distributor License #:	<i>A11-18-0000280-TEMP</i>	Cultivator License #:	<i>TAL18-0002148</i>
Date Collected:	<i>10/9/2018</i>	Batch #	<i>DYDS-H80905-3</i>
Date Received:	<i>10/9/2018</i>	Dates of Analysis:	<i>10/13/2018 - 10/17/2018</i>

Sample Code:	<i>PL3828303</i>
Sample Type:	<i>Inhalable Cannabis or Cannabis Product</i>
Sample Name:	<i>Daytime Dosi</i>
Total Batch Weight (lb):	<i>17.4</i>
Primary Sample Weight (lb):	<i>28</i>

Test Summary		
Total Calculated $\Delta 9$ -THC (%)*	27.68	PASS
Total Calculated CBD (%)*	0.12	PASS
Total Cannabinoids (%)	33.98	PASS
Residual Solvents (Detect/No Detect)	NT	NT
Microbial Result (Pass/Fail)	Pass	PASS
Pesticide Screen (Detect/No Detect)	ND	PASS
Total Terpenes (%)	NT	NT
Percent Moisture (%)	12.9	Pass
Water Activity (A_w)	NT	NT
Foreign Material (Present/Absent)	No Foreign Material	Pass

Affixed Label	
Total Calculated $\Delta 9$ -THC (%)*	N/A
Total Calculated CBD (%)*	N/A
Total Cannabinoids (%)	N/A

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

Andrew Hall

Andrew Hall
Laboratory Director
Andrew@sonomalabworks.com

10/18/18

Date

David Chen

David Chen
Senior Chemist
David@sonomalabworks.com

10/18/18

Date

All results in this report apply to samples collected in accordance with CA Code of Regulations Title 16 Article 3. This report is generated by Sonoma Lab Works, LLC and contains confidential and/or legally privileged information from Sonoma Lab Works, LLC. If you are not the client listed in this report, or the client this report is issued to, you are hereby notified that any disclosure, copying, electronic dissemination, electronic archiving, or distribution of this information or the taking of any action in reliance on the contents of this report is strictly prohibited. Sonoma Lab Works, LLC cannot determine putative resulting hazards associated with materials submitted for analysis, and reserves the right to dispose. Sonoma Lab Works, LLC cannot assume responsibility for the effect or impact of field sampling methodologies and techniques as they can affect sample analyses. The client listed in this report is singularly responsible for all use, interpretation, and reliance of results contained within this report. Uncertainty measurements available upon request.

Certificate of Analysis

V8.0.4
Revision: 10/14/18 DC

Distributor:	<i>Pacific Expeditors</i>
Distributor Address:	<i>3401 Industrial Dr, Santa Rosa, CA 95403</i>
Distributor License #:	<i>A11-18-0000280-TEMP</i>
Date Collected:	<i>10/9/18</i>
Sample Code:	<i>PL3828303</i>
Sample Matrix:	<i>Flower (Unpacked)</i>

Cultivator:	<i>LH H20, Inc</i>
Cultivator Address:	<i>Fort Bragg - Mendocino County</i>
Cultivator License #:	<i>TAL18-0002148</i>
Batch #	<i>DYDS-H80905-3</i>
Dates of Analysis:	<i>10/13/18 - 10/17/18</i>
Sample Name:	<i>Daytime Dosi</i>

Potency Test Result		
SOP: [SLW-CC] Method: HPLC-DAD American Herbal Pharmacopoeia		
Target Analyte	% Test	mg/g
CBDA	<i>0.14</i>	<i>1.42</i>
CBGA	<i>0.96</i>	<i>9.58</i>
CBG	<i>0.49</i>	<i>4.85</i>
CBD	<i>ND</i>	<i>ND</i>
THCV	<i>ND</i>	<i>ND</i>
CBN	<i>0.18</i>	<i>1.78</i>
THCA	<i>30.87</i>	<i>308.70</i>
Delta 9-THC (Δ9-THC)	<i>0.61</i>	<i>6.06</i>
Delta 8-THC (Δ8-THC)	<i>0.74</i>	<i>7.45</i>
CBC	<i>ND</i>	<i>ND</i>

Percent Moisture (%)	12.9	California Limit	
		13%	Pass
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 1				
SOP: [SLW-RS] Method: GC/MS USP <467>				
Target Analyte	PPM	LOD (µg/g)	LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	NT	0.10	1.00	NT
Benzene	NT	0.10	1.00	NT
Chloroform	NT	0.10	1.00	NT
Ethylene oxide	NT	0.10	1.00	NT
Methylene chloride	NT	0.10	1.00	NT
Trichloroethylene	NT	0.10	1.00	NT

Pesticide Screen Result - Category 1				
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
Paclbutrazol	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				
SOP: [SLW-RS] Method: GC/MS USP <467>				
Target Analyte	PPM	LOD (µg/g)	LOQ (µg/g)	Pass/Fail
Acetone	NT	1.00	10.00	NT
Acetonitrile	NT	1.00	1.00	NT
Butane	NT	1000	5000	NT
Ethanol	NT	1.00	10.00	NT
Ethyl acetate	NT	1.00	10.00	NT
Ethyl ether	NT	1.00	10.00	NT
Heptane	NT	1.00	10.00	NT
Hexane	NT	1.00	10.00	NT
Isopropyl Alcohol	NT	1.00	10.00	NT
Methanol	NT	1.00	10.00	NT
Pentane	NT	1.00	10.00	NT
Propane	NT	500	5000	NT
Toluene	NT	1.00	10.00	NT
Total Xylenes	NT	1.00	10.00	NT

Pesticide Screen Result - Category 2				
SOP: [SLW-PC] Method: LC/MSMS ESI+/APCI-Dilute & Shoot				
Target Analyte	PPM (µg/g)	LOD (µg/g)	LOQ (µg/g)	Pass/Fail
Acephate	ND	1.0 E-3	5.0 E-2	0.1 Pass
Acequinocyl	ND	1.0 E-3	5.0 E-2	0.1 Pass
Acetamiprid	ND	1.0 E-3	5.0 E-2	0.1 Pass
Avermectin B1a (Abamectin)	ND	1.0 E-3	5.0 E-2	0.1 Pass
Avermectin B1b (Abamectin)	ND	1.0 E-3	5.0 E-1	0.1 Pass
Azoxystrobin	ND	1.0 E-3	5.0 E-2	0.1 Pass
Bifenazate	ND	1.0 E-3	5.0 E-2	0.1 Pass
Bifenthrin	ND	1.0 E-3	5.0 E-2	3.0 Pass
Boscalid	ND	1.0 E-3	5.0 E-2	0.1 Pass
Captan	ND	2.5 E-1	7.0 E-1	0.7 Pass
Carbaryl	ND	1.0 E-3	5.0 E-2	0.5 Pass
Chlorantraniliprole	ND	1.0 E-3	5.0 E-2	10.0 Pass
Clofentezine	ND	1.0 E-3	5.0 E-2	0.1 Pass
Cyfluthrin	ND	2.0 E-3	1.0 E-1	2.0 Pass
Cypermethrin	ND	1.0 E-3	5.0 E-2	1.0 Pass
Diazinon	ND	1.0 E-3	5.0 E-2	0.1 Pass
Dimethomorph	ND	1.0 E-3	5.0 E-2	2.0 Pass
Etoxazole	ND	1.0 E-3	5.0 E-2	0.1 Pass
Fenhexamid	ND	1.0 E-3	5.0 E-2	0.1 Pass
Fenpyroximate	ND	1.0 E-3	5.0 E-2	0.1 Pass
Flonicamid	ND	1.0 E-3	5.0 E-2	0.1 Pass
Fludioxonil	ND	1.0 E-3	5.0 E-2	0.1 Pass
Hexythiazox	ND	1.0 E-3	5.0 E-2	0.1 Pass
Imidacloprid	ND	1.0 E-3	5.0 E-2	5.0 Pass
Kresoxim-methyl	ND	1.0 E-3	5.0 E-2	0.1 Pass
Malathion	ND	1.0 E-3	5.0 E-2	0.5 Pass
Metalaxyl	ND	1.0 E-3	5.0 E-2	2.0 Pass
Methomyl	ND	1.0 E-3	5.0 E-2	1.0 Pass
Myclobutanil	ND	1.0 E-3	5.0 E-2	0.1 Pass
Naled	ND	1.0 E-3	5.0 E-2	0.1 Pass
Oxamyl	ND	1.0 E-3	5.0 E-2	0.5 Pass
Pentachloronitrobenzene	ND	1.0 E-3	5.0 E-2	0.1 Pass
Permethrin, Cis-	ND	1.0 E-3	5.0 E-2	0.5 Pass
Permethrin, Trans-	ND	1.0 E-3	5.0 E-2	0.5 Pass
Phosmet	ND	1.0 E-3	5.0 E-2	0.1 Pass
Piperonyl butoxide	ND	1.0 E-3	5.0 E-2	3.0 Pass
Prallethrin	ND	1.0 E-3	5.0 E-2	0.1 Pass
Propiconazole	ND	1.0 E-3	5.0 E-2	0.1 Pass
Pyrethrins	ND	1.0 E-3	5.0 E-2	0.5 Pass
Pyridaben	ND	1.0 E-3	5.0 E-2	0.1 Pass
Spinetoram	ND	1.0 E-3	5.0 E-2	0.1 Pass
Spinosyn A (Spinosad)	ND	1.0 E-3	5.0 E-2	0.1 Pass
Spinosyn D (Spinosad)	ND	1.0 E-2	5.0 E-1	0.1 Pass
Spiromesifen	ND	1.0 E-3	5.0 E-2	0.1 Pass
Spirotetramat	ND	1.0 E-3	5.0 E-2	0.1 Pass
Tebuconazole	ND	1.0 E-3	5.0 E-2	0.1 Pass
Thiamethoxam	ND	1.0 E-3	5.0 E-2	5.0 Pass
Trifloxystrobin	ND	1.0 E-3	5.0 E-2	0.1 Pass

Microbial Screen			
SOP: [SLW-MSC] qPCR PathoSEEK™			
Microbiological Assay	California Limit		
	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

Terpene Test Result		
SOP: [SLW-TA] GC/MS		
Target Analyte	% Test	mg/g
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 § 2724, 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