

# TB-19

Danodan Hempworks

Sample Type: Tinctures  
 Sample Date: 11/5/2019  
 Analysis Date: 11/5/2019  
 Report Date: 11/12/2019

Metric Batch ID:

Harvest/Process Date: 10/4/2019

(503) 290-4079

Metric Sample ID:

Report ID:

**LS-191112-26**

## Potency

Potency Analysis Date: 11/5/2019  
 Potency Batch ID: CAN\_110519C  
 Potency Method: JAOAC 2015.1

**2.89 mg/mL** Total CBD  
 0.258%

**<LOQ**

Total THC  
 <LOQ

Samples: PND-CNJ-DBJ, FCT-XGS-ZJH  
 Density = 1.12 g/mL



Analyte	Description	LOQ	RPD (%)	Min.	Max.	Avg.	Unit: mg/mL
<b>Δ9THC</b>	Delta-9 Tetrahydrocannabinol	0.29	0.00	<LOQ	<LOQ	<LOQ	
<b>THCA</b>	Tetrahydrocannabinolic acid	0.29	0.00	ND	ND	ND	
<b>CBD</b>	Cannabidiol	0.29	0.426	2.89	2.90	2.89	
<b>CBDA</b>	Cannabidiolic acid	0.29	0.00	<LOQ	<LOQ	<LOQ	
<b>Δ8THC</b>	Delta-8 Tetrahydrocannabinol*	0.29	0.00	ND	ND	ND	
<b>THCV</b>	Tetrahydrocannabivarin*	0.29	0.00	ND	ND	ND	
<b>CBG</b>	Cannabigerol*	0.29	0.00	<LOQ	<LOQ	<LOQ	
<b>CBGA</b>	Cannabigerolic acid*	0.29	0.00	ND	<LOQ	<LOQ	
<b>CBC</b>	Cannabichromene*	0.29	0.00	ND	ND	ND	
<b>CBCA</b>	Cannabichromenic acid*	0.29	0.00	ND	ND	ND	
<b>CBN</b>	Cannabinol	0.29	0.00	ND	ND	ND	
<b>Total THC</b>	Δ9THC + (THCA × 0.877)		0.00	<LOQ	<LOQ	<LOQ	
<b>Total CBD</b>	CBD + (CBDA × 0.877)		0.426	2.89	2.90	2.89	
<b>Total</b>			0.426	2.89	2.90	2.89	

## Compliance

Pesticides	Within limits	Analysis Date: 11/6/2019	Pass <input checked="" type="checkbox"/>
Potency	Within limits	Analysis Date: 11/5/2019	Pass <input checked="" type="checkbox"/>

  
 Bryce Kidd, Ph.D.  
 Lab Director

  
 Aaron Troyer  
 Chief Science Officer



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## Pesticides Sample Data

Pesticides Analysis Date: 11/6/2019  
 Pesticides Batch ID: PST\_110619A

Method: EN 15662  
 Unit: µg/g (ppm)

Pass 

Analyte	PND-CNJ-DBJ	FCT-XGS-ZJH	Limits	LOQ	Notes	Status	Analyte	PND-CNJ-DBJ	FCT-XGS-ZJH	Limits	LOQ	Notes	Status
Abamectin	ND	ND	0.5	0.1		Pass	Metalaxyl	ND	ND	0.2	0.1		Pass
Acephate	ND	ND	0.4	0.1		Pass	Methiocarb	ND	ND	0.2	0.1		Pass
Acequinocyl	ND	ND	2.0	1.5		Pass	Methomyl	ND	ND	0.4	0.1		Pass
Acetamiprid	ND	ND	0.2	0.1		Pass	Methyl Parathion	ND	ND	0.2	0.2		Pass
Aldicarb	ND	ND	0.4	0.1		Pass	MGK-264	ND	ND	0.2	0.2		Pass
Azoxystrobin	ND	ND	0.2	0.1		Pass	Myclobutanil	ND	ND	0.2	0.1		Pass
Bifenazate	ND	ND	0.2	0.1		Pass	Naled	ND	ND	0.5	0.2		Pass
Bifenthrin	ND	ND	0.2	0.1		Pass	Oxamyl	ND	ND	1.0	0.1		Pass
Boscalid	ND	ND	0.4	0.1		Pass	Paclobutrazol	ND	ND	0.4	0.1		Pass
Carbaryl	ND	ND	0.2	0.1		Pass	Permethrins	ND	ND	0.2	0.1		Pass
Carbofuran	ND	ND	0.2	0.1		Pass	Phosmet	ND	ND	0.2	0.1		Pass
Chlorantraniliprole	ND	ND	0.2	0.1		Pass	Piperonyl Butoxide	ND	ND	2.0	0.1		Pass
Chlorfenapyr	ND	ND	1.0	0.1		Pass	Prallethrin	ND	ND	0.2	0.1		Pass
Chlorpyrifos	ND	ND	0.2	0.1		Pass	Propiconazole	ND	ND	0.4	0.1		Pass
Clofentezine	ND	ND	0.2	0.1		Pass	Propoxur	ND	ND	0.2	0.1		Pass
Cyfluthrin	ND	ND	1.0	0.5		Pass	Pyrethrins	ND	ND	1.0	0.5		Pass
Cypermethrin	ND	ND	1.0	0.1		Pass	Pyridaben	ND	ND	0.2	0.1		Pass
Daminozide	ND	ND	1.0	0.5		Pass	Spinosad	ND	ND	0.2	0.1		Pass
Diazinon	ND	ND	0.2	0.1		Pass	Spiromesifen	ND	ND	0.2	0.1		Pass
Dichlorvos (DDVP)	ND	ND	1.0	0.5		Pass	Spirotetramat	ND	ND	0.2	0.1		Pass
Dimethoate	ND	ND	0.2	0.1		Pass	Spiroxamine	ND	ND	0.4	0.1		Pass
Ethoprophos	ND	ND	0.2	0.1		Pass	Tebuconazole	ND	ND	0.4	0.1		Pass
Etofenprox	ND	ND	0.4	0.1		Pass	Thiacloprid	ND	ND	0.2	0.1		Pass
Etoxazole	ND	ND	0.2	0.1		Pass	Thiamethoxam	ND	ND	0.2	0.1		Pass
Fenoxycarb	ND	ND	0.2	0.1		Pass	Trifloxystrobin	ND	ND	0.2	0.1		Pass
Fenpyroximate	ND	ND	0.4	0.1		Pass							
Fipronil	ND	ND	0.4	0.1		Pass							
Flonicamid	ND	ND	1.0	0.1		Pass							
Fludioxonil	ND	ND	0.4	0.1		Pass							
Hexythiazox	ND	ND	1.0	0.1		Pass							
Imazalil	ND	ND	0.2	0.1		Pass							
Imidacloprid	ND	ND	0.4	0.1		Pass							
Kresoxim-methyl	ND	ND	0.4	0.1		Pass							
Malathion	ND	ND	0.2	0.1		Pass							

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Metric Batch ID:

Harvest/Process Date: 10/4/2019

(503) 290-4079

Metric Sample ID:

Report ID:

**LS-191112-26**

## Pesticides Quality Control Data

Pesticides QC Analysis Date: 11/6/2019  
 Pesticides QC Batch ID: PST\_110619A

Method: EN 15662  
 Unit: µg/g (ppm)

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes	Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Abamectin	ND	0.1	1.38	1.00	138	50 - 150		Metalaxyl	ND	0.1	1.39	1.00	139	50 - 150	
Acephate	ND	0.1	0.583	1.00	58.3	50 - 150		Methiocarb	ND	0.1	1.52	1.00	<b>152</b>	50 - 150	ME
Acequinocyl	ND	1.5	ND	1.00	<b>0.00</b>	50 - 150	ND	Methomyl	ND	0.1	0.746	1.00	74.6	50 - 150	
Acetamiprid	ND	0.1	0.919	1.00	91.9	50 - 150		Methyl Parathion	ND	0.2	0.316	1.00	31.6	30 - 150	
Aldicarb	ND	0.1	0.809	1.00	80.9	50 - 150		MGK-264	ND	0.2	ND	0.600	<b>0.00</b>	50 - 150	ND
Azoxystrobin	ND	0.1	1.04	1.00	104	50 - 150		Myclobutanil	ND	0.1	1.15	1.00	115	50 - 150	
Bifenazate	ND	0.1	0.872	1.00	87.2	50 - 150		Naled	ND	0.2	0.809	1.00	80.9	50 - 150	
Bifenthrin	ND	0.1	1.44	1.00	144	50 - 150		Oxamyl	ND	0.1	0.729	1.00	72.9	50 - 150	
Boscalid	ND	0.1	0.767	1.00	76.7	50 - 150		Paclobutrazol	ND	0.1	0.794	1.00	79.4	50 - 150	
Carbaryl	ND	0.1	0.920	1.00	92.0	50 - 150		Permethrins	ND	0.1	1.46	1.00	146	50 - 150	
Carbofuran	ND	0.1	0.953	1.00	95.3	50 - 150		Phosmet	ND	0.1	1.36	1.00	136	50 - 150	
Chlorantraniliprole	ND	0.1	1.50	1.00	150	50 - 150		Piperonyl Butoxide	ND	0.1	1.00	1.00	100	50 - 150	
Chlorfenapyr	ND	0.1	1.04	1.00	104	50 - 150		Prallethrin	ND	0.1	1.25	1.00	125	50 - 150	
Chlorpyrifos	ND	0.1	1.04	1.00	104	50 - 150		Propiconazole	ND	0.1	1.30	1.00	130	50 - 150	
Clofentezine	ND	0.1	1.43	1.00	143	50 - 150		Propoxur	ND	0.1	0.973	1.00	97.3	50 - 150	
Cyfluthrin	ND	0.5	0.926	1.00	92.6	50 - 150		Pyrethrins	ND	0.5	2.70	1.00	<b>270</b>	50 - 150	HB
Cypermethrin	ND	0.1	1.19	1.00	119	50 - 150		Pyridaben	ND	0.1	1.44	1.00	144	50 - 150	
Daminozide	ND	0.5	0.642	1.00	64.2	10 - 150		Spinosad	ND	0.1	1.19	1.00	119	50 - 150	
Diazinon	ND	0.1	0.941	1.00	94.1	50 - 150		Spiromesifen	ND	0.1	1.68	1.00	<b>168</b>	50 - 150	HB
Dichlorvos (DDVP)	ND	0.5	0.897	1.00	89.7	50 - 150		Spirotetramat	ND	0.1	1.17	1.00	117	50 - 150	
Dimethoate	ND	0.1	0.951	1.00	95.1	50 - 150		Spiroxamine	ND	0.1	0.743	1.00	74.3	50 - 150	
Ethoprophos	ND	0.1	1.10	1.00	110	50 - 150		Tebuconazole	ND	0.1	1.01	1.00	101	50 - 150	
Etofenprox	ND	0.1	1.43	1.00	143	50 - 150		Thiacloprid	ND	0.1	1.10	1.00	110	50 - 150	
Etoxazole	ND	0.1	1.48	1.00	148	50 - 150		Thiamethoxam	ND	0.1	1.02	1.00	102	50 - 150	
Fenoxycarb	ND	0.1	1.48	1.00	148	50 - 150		Trifloxystrobin	ND	0.1	1.14	1.00	114	50 - 150	
Fenpyroximate	ND	0.1	1.38	1.00	138	50 - 150									
Fipronil	ND	0.1	0.958	1.00	95.8	50 - 150									
Flonicamid	ND	0.1	0.918	1.00	91.8	50 - 150									
Fludioxonil	ND	0.1	1.16	1.00	116	50 - 150									
Hexythiazox	ND	0.1	0.933	1.00	93.3	50 - 150									
Imazalil	ND	0.1	0.939	1.00	93.9	50 - 150									
Imidacloprid	ND	0.1	0.999	1.00	99.9	50 - 150									
Kresoxim-methyl	ND	0.1	1.47	1.00	147	50 - 150									
Malathion	ND	0.1	1.14	1.00	114	50 - 150									

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## Qualifier Flag Descriptions

<b>J</b>	Reported result is an estimate - the value is less than the minimum calibration level but greater than the estimated detection limit (EDL)
<b>U</b>	The analyte was not detected in the sample at the estimated detection limit (EDL)
<b>E</b>	Exceeds calibration range
<b>D</b>	Dilution data - result was obtained from the analysis of a dilution
<b>B</b>	Analyte found in sample and associated blank
<b>C</b>	Co-eluting compound
<b>R</b>	Relative Percent Difference (RPD) outside control limits
<b>NR</b>	Analyte not reported because of problems in sample preparation or analysis
<b>ND</b>	Non-Detect
<b>X</b>	Results from reinjection/repeat/re-column data
<b>EMC</b>	Estimated maximum possible concentration - indicates that a peak is detected but did not meet the method required criteria
<b>M</b>	Manual integration
<b>PS</b>	Peaks split
<b>HB</b>	Control acceptance criteria are exceeded high and the associated sample is below the detection limit
<b>LB</b>	Control acceptance criteria are exceeded low and the associated sample exceeds the regulatory limit
<b>ME</b>	Marginal Exceedance
<b>LR</b>	Low Recovery Analyte
<b>LOQ</b>	Limit of Quantitation



## Oregon Hemp Program Post-Harvest Test Results Notification Form

A copy of the test results must be sent along with this notification to [hemptestreports@oda.state.or.us](mailto:hemptestreports@oda.state.or.us)  
ODA must be notified within 24 hours and at the same time or before reporting results to the medical grower or processor.

<b>Test Laboratory Name:</b>	Lightscale Labs		
<b>Laboratory Contact Name:</b>	Bryce Kidd	<b>Phone Number:</b>	503-575-1849
<b>Sample Laboratory Name:</b>	N/A	<b>Date Sample Taken:</b>	11-5-2019
<b>Registrant's Name:</b>	Danodan Hempworks		
<b>Registrant's Number:</b>	AG-R1058177IHH	<b>Harvest or Process Lot Number:</b>	TB-19
<b>Test Batch Number:</b>	LS-191112-26	<b>Date Sample Tested:</b>	11-5-2019 and 11-6-2019
<b>Product Type:</b>	Useable Hemp <input type="checkbox"/> Edible <input checked="" type="checkbox"/> Concentrate <input type="checkbox"/> Extract <input type="checkbox"/> Topical <input type="checkbox"/>		
<b>Product Description/Name:</b>	TB-19		

Please answer the yes and no questions. If your laboratory's reporting software indicates any of the specific items that are ask to be listed below, such as marking them in red, you are not required to list them on this form.

Are there any associated test batch numbers from prior tests performed on the sample?

Yes     No

If yes, please list:

Pesticide(s) Results at Detected Level?

Yes     No

If yes, list pesticide/s found at detected level:

Test Above Action Limit:     Yes     No

Field Duplicate Above Action Limit: Yes  No  N/A

Pesticides     THC Concentration     Solvent     Microbiological

List specific pesticide analyte/s or solvent/s found above the action limit:

### **Industrial Hemp Results Notification Form**

The Oregon Department of Agriculture must be notified by the laboratory that performed testing, and send a copy of the test results if any of the following are found:

- Any failed test results (except water activity and moisture)
- Any pesticide test with a “detected” level

#### **Applicable Rules**

Failed Tests (OAR 603-048-2300 to -2480), (OAR 333-007-0390(3), 333-007-0400(2), 333-007-0410(2), 333-007-0430(2) and (3), 333-064-0110 Reporting Detected Pesticide Levels (OAR 333-064-0110 (5) and (8)) Reporting Tentatively Identified Compounds (OAR 333-064-0100)

If you have questions or concerns you can email [industrial-hemp@oda.state.or.us](mailto:industrial-hemp@oda.state.or.us)