

HOW TO READ OUR CERTIFICATE OF ANALYSIS (COA)

Using Lightscale Labs, we perform all tests required under state law for recreational cannabis, medical cannabis, and industrial hemp. Chromatography is used for all required tests, a technique where liquid or gas separates different cannabinoids, pesticides, and residual solvents so that each can be identified and measured precisely.

PAGE I CANNABINOID POTENCY



TEST & HARVEST DATES

Here you can see the dates related to this particular batch of product, including when it was processed, sampled, analyzed, and when the report was finished.



CBD & THC CONTENT

Total CBD and THC content in mg/ml and percentage.



MAJOR & MINOR CANNABINOIDS

Δ9-THC, THCA, CBD, CBDA, and CBN in accordance with OAR 333-007-0430, plus minor cannabinoids.



CHECKLIST RESULTS

PASS or FAIL results for Pesticides, Solvents, and Potency within this COA.



**LIGHTSCALE
LABS**

2535 N Ross Ave
Portland, OR 97227
(503) 493-2535

info@lightscale.com
ORLAP #4112
OLCC #010-1003340D344

Shot-15-12

Danodan Hempworks

(503) 290-4079

Sample Type: Tinctures
Sample Date: 12/2/2019
Analysis Date: 12/3/2019
Report Date: 12/9/2019

Metro Batch ID:
Metro Sample ID:

Harvest/Process Date: 11/25/2019

Report ID:

LS-191204-28

Potency

Potency Analysis Date: 12/3/2019
Potency Batch ID: CAN_120319C
Potency Method: JAOAC 2015.1

16.5 mg/mL Total CBD
1.51%

0.972 mg/mL Total THC
0.0892%

Samples: ZJH-PDF-PFD, TTT-GNB-SHT
Density = 1.09 g/mL



Analyte	Description	LOQ	RPD (%)	Min.	Max.	Avg.	Unit: mg/mL
Δ9THC	Delta-9 Tetrahydrocannabinol	0.28	5.05	0.947	0.996	0.972	
THCA	Tetrahydrocannabinolic acid	0.28	0.00	ND	ND	ND	
CBD	Cannabidiol	0.28	0.534	16.1	16.2	16.1	
CBDA	Cannabidiolic acid	0.28	4.24	0.352	0.367	0.360	
Δ8THC	Delta-8 Tetrahydrocannabinol*	0.28	0.00	ND	ND	ND	
THCV	Tetrahydrocannabivarin*	0.28	0.00	ND	ND	ND	
CBG	Cannabigerol*	0.28	0.493	0.441	0.444	0.443	
CBGA	Cannabigerolic acid*	0.28	0.00	ND	ND	ND	
CBC	Cannabichromene*	0.28	4.72	0.586	0.615	0.601	
CBCA	Cannabichromenic acid*	0.28	0.00	ND	ND	ND	
CBN	Cannabinol	0.28	0.00	<LOQ	<LOQ	<LOQ	
Total THC	Δ9THC + (THCA × 0.877)		5.05	0.947	0.996	0.972	
Total CBD	CBD + (CBDA × 0.877)		0.605	16.4	16.5	16.5	
Total			0.977	18.4	18.6	18.5	

Compliance

Pesticides	Within limits	Analysis Date: 12/3/2019	Pass
Solvents	Within limits	Analysis Date: 12/3/2019	Pass
Potency	Within limits	Analysis Date: 12/3/2019	Pass

Bryce Kidd
Bryce Kidd, Ph.D.
Lab Director

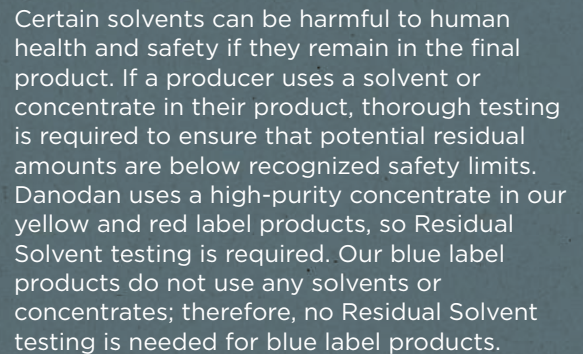
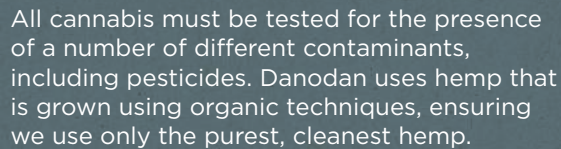
Aaron Troyer
Aaron Troyer
Chief Science Officer



Lightscale Labs is accredited by ORLAP (Lab #4112) for analysis in compliance with OAR 333-064 and OAR 333-087. Results pertain to submitted samples only. Unless otherwise noted, samples were received in good condition and Quality Control samples met acceptance criteria. This Certificate shall not be reproduced except in full, without the written approval of Lightscale Labs. Results marked with an asterisk (*) are not within scope of accreditation and for informational purposes only.



PAGE 4-5 RESIDUAL SOLVENT DATA

[illegible]

TB-34

Danodan Hempworks
6019 NE MLK JR. BLVD.
PORTLAND, OR 97217
(503) 290-4079

Sample Type: Tinctures
Sample Date: 5/3/2021
Analysis Date: 5/4/2021
Report Date: 5/10/2021

Metric Batch ID:

Metric Sample ID:

Harvest/Process Date: 2/8/2021
Report ID: LS-210510-20
Sample Plan ID: SP-210503-2-B
Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Potency

Potency Analysis Date: 5/4/2021
Potency Batch ID: CAN_050421B
Potency Method: JAOAC 2015.1

4.08 mg/mL Total CBD
0.359%

0.0626 mg/mL Total THC
0.00551%

Samples: DFF-GBS-HXB, PHJ-XSS-XJX



Analyte	Description	LOQ	RPD (%)	Min.	Max.	Avg.	Unit: mg/mL
Δ9THC	Delta-9 Tetrahydrocannabinol	0.0057	17.8	0.0466	0.0557	0.0512	
THCA	Tetrahydrocannabinolic acid	0.0057	8.70	0.0125	0.0136	0.0131	
CBD	Cannabidiol	0.0057	0.602	3.58	3.60	3.59	
CBDA	Cannabidiolic acid	0.0057	1.00	0.564	0.570	0.567	
Δ8THC	Delta-8 Tetrahydrocannabinol*	0.0057	0.00	ND	ND	ND	
THCV	Tetrahydrocannabivarin*	0.0057	0.00	ND	ND	ND	
CBG	Cannabigerol*	0.0057	11.1	0.0387	0.0432	0.0409	
CBGA	Cannabigerolic acid*	0.0057	0.00	ND	ND	ND	
CBC	Cannabichromene*	0.0057	7.89	0.0830	0.0898	0.0864	
CBCA	Cannabichromenic acid*	0.0057	0.00	ND	<LOQ	<LOQ	
CBN	Cannabinol	0.0057	0.00	0.00796	0.00796	0.00796	
Total THC	Δ9THC + (THCA × 0.877)		16.1	0.0575	0.0677	0.0626	
Total CBD	CBD + (CBDA × 0.877)		0.651	4.07	4.10	4.08	
Total			0.444	4.33	4.38	4.35	

Compliance

Potency Within limits Analysis Date: 5/4/2021 Pass 


Bryce Kidd, Ph.D.
Lab Director


Aaron Troyer
Chief Science Officer



TB-34

Danodan Hempworks
6019 NE MLK JR. BLVD.
PORTLAND, OR 97217
(503) 290-4079

Sample Type: Tinctures
Sample Date: 5/3/2021
Analysis Date: 5/4/2021
Report Date: 5/10/2021

Metrc Batch ID:

Metrc Sample ID:

Harvest/Process Date: 2/8/2021
Report ID: LS-210510-20
Sample Plan ID: SP-210503-2-B
Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Qualifier Flag Descriptions

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

Sample Name: **DFF-GBS-HXB** License: **010-1003340D344**
 Tested for: **Lightscale Labs** Date Sampled: **05/03/21 00:00**
 Compliance Subcon Date Accepted: **05/03/21**

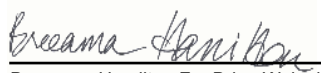
Laboratory ID: **21E0004-03** Sample Metric ID: **NA**
 Matrix: **Other Liquid** Batch RFID: **NA**
 Lot # **NA** Batch Size: **NA**

Pesticide Analysis in ppm

Date Extracted: 05/06/21 Analysis Method: AOAC 2007.01 & EN 15662
 Date Analyzed: 05/09/21 Results above the action levels are highlighted in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.25	Acephate	< LOQ	0.4	0.20
Acequinocyl	< LOQ	2	0.98	Acetamiprid	< LOQ	0.2	0.10
Aldicarb	< LOQ	0.4	0.20	Azoxystrobin	< LOQ	0.2	0.10
Bifenazate	< LOQ	0.2	0.10	Bifenthrin	< LOQ	0.2	0.10
Boscalid	< LOQ	0.4	0.20	Carbaryl	< LOQ	0.2	0.10
Carbofuran	< LOQ	0.2	0.10	Chlorantraniliprole	< LOQ	0.2	0.10
Chlorfenapyr	< LOQ	1	0.49	Chlorpyrifos	< LOQ	0.2	0.10
Clofentezine	< LOQ	0.2	0.10	Cyfluthrin	< LOQ	1	0.49
Cypermethrin	< LOQ	1	0.49	Daminozide	< LOQ	1	0.49
DDVP (Dichlorvos)	< LOQ	1	0.49	Diazinon	< LOQ	0.2	0.10
Dimethoate	< LOQ	0.2	0.10	Ethoprophos	< LOQ	0.2	0.10
Etofenprox	< LOQ	0.4	0.20	Etoxazole	< LOQ	0.2	0.10
Fenoxycarb	< LOQ	0.2	0.10	Fenpyroximate	< LOQ	0.4	0.20
Fipronil	< LOQ	0.4	0.20	Fonicamid	< LOQ	1	0.49
Fludioxonil	< LOQ	0.4	0.20	Hexythiazox	< LOQ	1	0.49
Imazalil	< LOQ	0.2	0.10	Imidacloprid	< LOQ	0.4	0.20
Kresoxim-methyl	< LOQ	0.4	0.20	Malathion	< LOQ	0.2	0.10
Metalaxyl	< LOQ	0.2	0.10	Methiocarb	< LOQ	0.2	0.10
Methomyl	< LOQ	0.4	0.20	Methyl parathion	< LOQ	0.2	0.10
MGK-264	< LOQ	0.2	0.10	Myclobutanil	< LOQ	0.2	0.10
Naled	< LOQ	0.5	0.25	Oxamyl	< LOQ	1	0.49
Paclobutrazol	< LOQ	0.4	0.20	Permethrins (total)	< LOQ	0.2	0.10
Phosmet	< LOQ	0.2	0.10	Piperonyl butoxide	< LOQ	2	0.49
Prallethrin	< LOQ	0.2	0.10	Propiconazole	< LOQ	0.4	0.20
Propoxur	< LOQ	0.2	0.10	Pyrethrins (total)	< LOQ	1	0.49
Pyridaben	< LOQ	0.2	0.10	Spinosad	< LOQ	0.2	0.10
Spiromesifen	< LOQ	0.2	0.10	Spirotetramat	< LOQ	0.2	0.10
Spiroxamine	< LOQ	0.4	0.20	Tebuconazole	< LOQ	0.4	0.20
Thiacloprid	< LOQ	0.2	0.10	Thiamethoxam	< LOQ	0.2	0.10
Trifloxystrobin	< LOQ	0.2	0.10				

<LOQ - Results below the Limit of Quantitation - Compound not detected



Breeanna Hamilton For Brian Weigel
 Lab Director

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Case Narrative

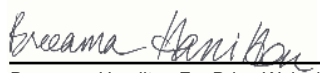
Pesticides - Acetemeprid, Aldicarb, Chlorantraniliprole, Imidachloprid, and Thiachloprid recovered above the upper acceptance limit in the Blank Spike and/or Blank Spike Duplicate. Analytes were below the reporting limit in all client samples.

Bifenthrin recovered below the lower acceptance limit in the Blank Spike and/or Blank Spike Duplicate. No peaks were identified in the retention time window of this analyte in client samples.

Quality Control Pesticide Analysis

Batch: B211322 - Pesticide Prep

Blank(B211322-BLK1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:23					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	< LOQ	ppm						
Acephate	< LOQ	ppm						
Acequinocyl	< LOQ	ppm						
Acetamiprid	< LOQ	ppm						
Aldicarb	< LOQ	ppm						
Azoxystrobin	< LOQ	ppm						
Bifenazate	< LOQ	ppm						
Bifenthrin	< LOQ	ppm						
Boscalid	< LOQ	ppm						
Carbaryl	< LOQ	ppm						
Carbofuran	< LOQ	ppm						
Chlorantraniliprole	< LOQ	ppm						
Chlorfenapyr	< LOQ	ppm						
Chlorpyrifos	< LOQ	ppm						
Clofentezine	< LOQ	ppm						
Cyfluthrin	< LOQ	ppm						
Cypermethrin	< LOQ	ppm						
Daminozide	< LOQ	ppm						
DDVP (Dichlorvos)	< LOQ	ppm						
Diazinon	< LOQ	ppm						
Dimethoate	< LOQ	ppm						
Ethoprophos	< LOQ	ppm						
Etofenprox	< LOQ	ppm						
Etoxazole	< LOQ	ppm						
Fenoxycarb	< LOQ	ppm						
Fenpyroximate	< LOQ	ppm						
Fipronil	< LOQ	ppm						



Breeanna Hamilton For Brian Weigel
Lab Director

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Quality Control

Pesticide Analysis (Continued)

Batch: B211322 - Pesticide Prep (Continued)

Blank(B211322-BLK1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:23					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Flonicamid	< LOQ	ppm						
Fludioxonil	< LOQ	ppm						
Hexythiazox	< LOQ	ppm						
Imazalil	< LOQ	ppm						
Imidacloprid	< LOQ	ppm						
Kresoxim-methyl	< LOQ	ppm						
Malathion	< LOQ	ppm						
Metalaxyl	< LOQ	ppm						
Methiocarb	< LOQ	ppm						
Methomyl	< LOQ	ppm						
Methyl parathion	< LOQ	ppm						
MGK-264	< LOQ	ppm						
Myclobutanil	< LOQ	ppm						
Naled	< LOQ	ppm						
Oxamyl	< LOQ	ppm						
Paclobutrazol	< LOQ	ppm						
Permethrins (total)	< LOQ	ppm						
Phosmet	< LOQ	ppm						
Piperonyl butoxide	< LOQ	ppm						
Prallethrin	< LOQ	ppm						
Propiconazole	< LOQ	ppm						
Propoxur	< LOQ	ppm						
Pyrethrins (total)	< LOQ	ppm						
Pyridaben	< LOQ	ppm						
Spinosad	< LOQ	ppm						
Spiromesifen	< LOQ	ppm						
Spirotetramat	< LOQ	ppm						
Spiroxamine	< LOQ	ppm						
Tebuconazole	< LOQ	ppm						
Thiacloprid	< LOQ	ppm						
Thiamethoxam	< LOQ	ppm						
Trifloxystrobin	< LOQ	ppm						

LCS(B211322-BS1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:39					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit


Breeanna Hamilton For Brian Weigel
Lab Director

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Quality Control

Pesticide Analysis (Continued)

Batch: B211322 - Pesticide Prep (Continued)

LCS(B211322-BS1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:39					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	1.13	ppm	0.980		115	15-180		
Acephate	0.88	ppm	1.00		88.5	70-130		
Acequinocyl	0.41	ppm	1.00		40.7	16.9-111		
Acetamiprid	1.77	ppm	1.00		177	70-130		
Aldicarb	1.44	ppm	1.00		144	70-130		
Azoxystrobin	1.04	ppm	1.00		104	70-130		
Bifenazate	0.93	ppm	1.00		92.6	70-130		
Bifenthrin	0.67	ppm	1.00		67.2	70-130		
Boscalid	1.11	ppm	1.00		111	70-130		
Carbaryl	1.03	ppm	1.00		103	70-130		
Carbofuran	1.04	ppm	1.00		104	70-130		
Chlorantraniliprole	2.29	ppm	1.00		229	70-130		
Chlorfenapyr	0.79	ppm	1.00		79.3	40-160		
Chlorpyrifos	0.77	ppm	1.00		77.1	70-130		
Cinerin 1	0.04	ppm	0.0400		98.3	0-200		
cis-Permethrin	0.31	ppm	0.430		71.2	70-130		
Clofentezine	0.97	ppm	1.00		97.2	70-130		
Cyfluthrin	0.82	ppm	1.00		81.9	55-165		
Cypermethrin	0.91	ppm	1.00		91.3	70-130		
Daminozide	1.44	ppm	1.00		144	15-145		
DDVP (Dichlorvos)	1.20	ppm	1.00		120	70-130		
Diazinon	1.04	ppm	1.00		104	70-130		
Dimethoate	0.99	ppm	1.00		99.4	70-130		
Ethoprophos	0.98	ppm	1.00		97.7	70-130		
Etofenprox	0.83	ppm	1.00		82.6	70-130		
Etoxazole	0.98	ppm	1.00		98.3	70-130		
Fenoxycarb	1.02	ppm	1.00		102	70-130		
Fenpyroximate	1.08	ppm	1.00		108	70-130		
Fipronil	0.99	ppm	1.00		99.3	70-130		
Flonicamid	0.93	ppm	1.00		93.1	70-130		
Fludioxonil	1.27	ppm	1.00		127	70-130		
Hexythiazox	0.92	ppm	1.00		92.3	70-130		
Imazalil	1.06	ppm	1.00		106	70-130		
Imidacloprid	1.75	ppm	1.00		175	70-130		
Jasmolin 1	0.04	ppm	0.0300		140	0-200		

Breeanna Hamilton

Breeanna Hamilton For Brian Weigel
Lab Director

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Quality Control Pesticide Analysis (Continued)

Batch: B211322 - Pesticide Prep (Continued)

LCS(B211322-BS1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:39					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Kresoxim-methyl	1.04	ppm	1.00		104	70-130		
Malathion	0.86	ppm	1.00		86.0	70-130		
Metalaxyl	1.05	ppm	1.00		105	70-130		
Methiocarb	1.05	ppm	1.00		105	70-130		
Methomyl	0.97	ppm	1.00		97.1	70-130		
Methyl parathion	0.90	ppm	1.00		89.9	35-160		
MGK-264	0.50	ppm	0.590		84.7	70-130		
Myclobutanil	1.05	ppm	1.00		105	70-130		
Naled	0.89	ppm	1.00		88.9	70-130		
Oxamyl	0.85	ppm	1.00		84.9	70-130		
Paclobutrazol	0.96	ppm	1.00		95.7	70-130		
Permethrins (total)	0.73	ppm	1.00		73.2	70-130		
Phosmet	0.98	ppm	1.00		98.1	70-130		
Piperonyl butoxide	0.88	ppm	1.00		87.6	70-130		
Prallethrin	0.97	ppm	1.00		96.5	70-130		
Propiconazole	1.30	ppm	1.00		130	70-130		
Propoxur	1.02	ppm	1.00		102	70-130		
Pyrethrins (total)	0.61	ppm	0.580		105	70-130		
Pyrethrin 1	0.53	ppm	0.510		103	0-200		
Pyridaben	0.92	ppm	1.00		92.3	70-130		
Spinosad	0.84	ppm	0.710		118	70-130		
Spiromesifen	0.93	ppm	1.00		92.6	70-130		
Spirotetramat	1.06	ppm	1.00		106	70-130		
Spiroxamine	0.95	ppm	1.00		94.6	70-130		
Tebuconazole	1.09	ppm	1.00		109	70-130		
Thiacloprid	1.67	ppm	1.00		167	70-130		
Thiamethoxam	0.90	ppm	1.00		90.3	70-130		
trans-Permethrin	0.43	ppm	0.570		74.7	70-130		
Trifloxystrobin	0.95	ppm	1.00		94.8	70-130		

LCS Dup(B211322-BSD1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:55					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	1.13	ppm	0.980		115	15-180	0.0323	30
Acephate	0.84	ppm	1.00		83.8	70-130	5.39	30
Acequinocyl	0.32	ppm	1.00		31.7	16.9-111	24.8	30

Breeanna Hamilton
Breeanna Hamilton For Brian Weigel

Lab Director

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Quality Control

Pesticide Analysis (Continued)

Batch: B211322 - Pesticide Prep (Continued)

LCS Dup(B211322-BSD1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:55					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acetamiprid	1.72	ppm	1.00		172	70-130	2.68	30
Aldicarb	1.36	ppm	1.00		136	70-130	5.81	30
Azoxystrobin	1.04	ppm	1.00		104	70-130	0.423	30
Bifenazate	0.95	ppm	1.00		94.8	70-130	2.39	30
Bifenthrin	0.69	ppm	1.00		69.4	70-130	3.18	30
Boscalid	1.09	ppm	1.00		109	70-130	1.17	30
Carbaryl	1.00	ppm	1.00		100	70-130	2.42	30
Carbofuran	1.03	ppm	1.00		103	70-130	1.54	30
Chlorantraniliprole	2.26	ppm	1.00		226	70-130	1.39	30
Chlorfenapyr	1.01	ppm	1.00		101	40-160	23.7	30
Chlorpyrifos	0.79	ppm	1.00		78.5	70-130	1.84	30
Cinerin 1	0.04	ppm	0.0400		95.0	0-200	3.44	30
cis-Permethrin	0.32	ppm	0.430		73.5	70-130	3.17	30
Clofentezine	0.97	ppm	1.00		96.7	70-130	0.579	30
Cyfluthrin	0.74	ppm	1.00		74.0	55-165	10.1	30
Cypermethrin	0.91	ppm	1.00		91.2	70-130	0.102	30
Daminozide	1.45	ppm	1.00		145	15-145	0.147	30
DDVP (Dichlorvos)	1.21	ppm	1.00		121	70-130	0.533	30
Diazinon	0.99	ppm	1.00		98.8	70-130	5.31	30
Dimethoate	0.98	ppm	1.00		98.4	70-130	1.00	30
Ethoprophos	0.97	ppm	1.00		97.0	70-130	0.667	30
Etofenprox	0.84	ppm	1.00		84.0	70-130	1.65	30
Etoxazole	1.00	ppm	1.00		100	70-130	1.72	30
Fenoxycarb	1.01	ppm	1.00		101	70-130	1.66	30
Fenpyroximate	1.11	ppm	1.00		111	70-130	2.03	30
Fipronil	1.03	ppm	1.00		103	70-130	3.68	30
Flonicamid	0.93	ppm	1.00		93.2	70-130	0.0953	30
Fludioxonil	1.26	ppm	1.00		126	70-130	0.208	30
Hexythiazox	0.93	ppm	1.00		93.1	70-130	0.854	30
Imazalil	1.06	ppm	1.00		106	70-130	0.500	30
Imidacloprid	1.69	ppm	1.00		169	70-130	3.82	30
Jasmolin 1	0.04	ppm	0.0300		137	0-200	2.33	30
Kresoxim-methyl	1.04	ppm	1.00		104	70-130	0.360	30
Malathion	0.87	ppm	1.00		86.9	70-130	1.05	30
Metalaxyl	1.02	ppm	1.00		102	70-130	2.44	30

Breeanna Hamilton

Breeanna Hamilton For Brian Weigel
Lab Director

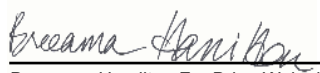
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Quality Control

Pesticide Analysis (Continued)

Batch: B211322 - Pesticide Prep (Continued)

LCS Dup(B211322-BSD1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:55					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Methiocarb	1.03	ppm	1.00		103	70-130	1.94	30
Methomyl	0.95	ppm	1.00		95.2	70-130	2.05	30
Methyl parathion	0.86	ppm	1.00		86.3	35-160	4.14	30
MGK-264	0.51	ppm	0.590		86.6	70-130	2.17	30
Myclobutanil	1.07	ppm	1.00		107	70-130	2.56	30
Naled	0.93	ppm	1.00		93.5	70-130	4.99	30
Oxamyl	0.83	ppm	1.00		83.1	70-130	2.12	30
Paclobutrazol	0.96	ppm	1.00		95.5	70-130	0.187	30
Permethrins (total)	0.74	ppm	1.00		74.0	70-130	1.12	30
Phosmet	0.98	ppm	1.00		98.0	70-130	0.0890	30
Piperonyl butoxide	0.88	ppm	1.00		88.0	70-130	0.460	30
Prallethrin	1.00	ppm	1.00		99.6	70-130	3.10	30
Propiconazole	1.26	ppm	1.00		126	70-130	3.52	30
Propoxur	1.00	ppm	1.00		100	70-130	1.73	30
Pyrethrins (total)	0.60	ppm	0.580		103	70-130	1.10	30
Pyrethrin 1	0.52	ppm	0.510		102	0-200	0.824	30
Pyridaben	0.96	ppm	1.00		95.8	70-130	3.77	30
Spinosad	0.80	ppm	0.710		112	70-130	5.25	30
Spiromesifen	0.95	ppm	1.00		94.6	70-130	2.11	30
Spirotetramat	1.06	ppm	1.00		106	70-130	0.236	30
Spiroxamine	0.94	ppm	1.00		93.7	70-130	0.943	30
Tebuconazole	1.08	ppm	1.00		108	70-130	0.661	30
Thiacloprid	1.66	ppm	1.00		166	70-130	0.674	30
Thiamethoxam	0.90	ppm	1.00		90.0	70-130	0.303	30
trans-Permethrin	0.42	ppm	0.570		74.4	70-130	0.383	30
Trifloxystrobin	0.95	ppm	1.00		94.8	70-130	0.0335	30



Breeanna Hamilton For Brian Weigel
Lab Director

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Sample Name: **PHJ-XSS-XJX** License: **010-1003340D344**
 Tested for: **Lightscale Labs** Date Sampled: **05/03/21 00:00**
Compliance Subcon Date Accepted: **05/03/21**

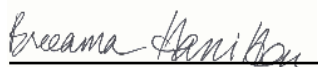
Laboratory ID: **21E0004-04** Sample Metric ID: **NA**
 Matrix: **Other Liquid** Batch RFID: **NA**
 Lot # **NA** Batch Size: **NA**

Pesticide Analysis in ppm

Date Extracted: 05/06/21 Analysis Method: AOAC 2007.01 & EN 15662
 Date Analyzed: 05/09/21 Results above the action levels are highlighted in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.25	Acephate	< LOQ	0.4	0.20
Acequinocyl	< LOQ	2	1.00	Acetamiprid	< LOQ	0.2	0.10
Aldicarb	< LOQ	0.4	0.20	Azoxystrobin	< LOQ	0.2	0.10
Bifenazate	< LOQ	0.2	0.10	Bifenthrin	< LOQ	0.2	0.10
Boscalid	< LOQ	0.4	0.20	Carbaryl	< LOQ	0.2	0.10
Carbofuran	< LOQ	0.2	0.10	Chlorantraniliprole	< LOQ	0.2	0.10
Chlorfenapyr	< LOQ	1	0.50	Chlorpyrifos	< LOQ	0.2	0.10
Clofentezine	< LOQ	0.2	0.10	Cyfluthrin	< LOQ	1	0.50
Cypermethrin	< LOQ	1	0.50	Daminozide	< LOQ	1	0.50
DDVP (Dichlorvos)	< LOQ	1	0.50	Diazinon	< LOQ	0.2	0.10
Dimethoate	< LOQ	0.2	0.10	Ethoprophos	< LOQ	0.2	0.10
Etofenprox	< LOQ	0.4	0.20	Etoxazole	< LOQ	0.2	0.10
Fenoxycarb	< LOQ	0.2	0.10	Fenpyroximate	< LOQ	0.4	0.20
Fipronil	< LOQ	0.4	0.20	Fonicamid	< LOQ	1	0.50
Fludioxonil	< LOQ	0.4	0.20	Hexythiazox	< LOQ	1	0.50
Imazalil	< LOQ	0.2	0.10	Imidacloprid	< LOQ	0.4	0.20
Kresoxim-methyl	< LOQ	0.4	0.20	Malathion	< LOQ	0.2	0.10
Metalaxyl	< LOQ	0.2	0.10	Methiocarb	< LOQ	0.2	0.10
Methomyl	< LOQ	0.4	0.20	Methyl parathion	< LOQ	0.2	0.10
MGK-264	< LOQ	0.2	0.10	Myclobutanil	< LOQ	0.2	0.10
Naled	< LOQ	0.5	0.25	Oxamyl	< LOQ	1	0.50
Paclobutrazol	< LOQ	0.4	0.20	Permethrins (total)	< LOQ	0.2	0.10
Phosmet	< LOQ	0.2	0.10	Piperonyl butoxide	< LOQ	2	0.50
Prallethrin	< LOQ	0.2	0.10	Propiconazole	< LOQ	0.4	0.20
Propoxur	< LOQ	0.2	0.10	Pyrethrins (total)	< LOQ	1	0.50
Pyridaben	< LOQ	0.2	0.10	Spinosad	< LOQ	0.2	0.10
Spiromesifen	< LOQ	0.2	0.10	Spirotetramat	< LOQ	0.2	0.10
Spiroxamine	< LOQ	0.4	0.20	Tebuconazole	< LOQ	0.4	0.20
Thiacloprid	< LOQ	0.2	0.10	Thiamethoxam	< LOQ	0.2	0.10
Trifloxystrobin	< LOQ	0.2	0.10				

<LOQ - Results below the Limit of Quantitation - Compound not detected


 Breeanna Hamilton For Brian Weigel
 Lab Director

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Case Narrative

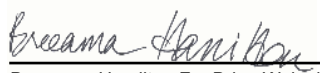
Pesticides - Acetemeprid, Aldicarb, Chlorantraniliprole, Imidachloprid, and Thiachloprid recovered above the upper acceptance limit in the Blank Spike and/or Blank Spike Duplicate. Analytes were below the reporting limit in all client samples.

Bifenthrin recovered below the lower acceptance limit in the Blank Spike and/or Blank Spike Duplicate. No peaks were identified in the retention time window of this analyte in client samples.

Quality Control Pesticide Analysis

Batch: B211322 - Pesticide Prep

Blank(B211322-BLK1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:23					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	< LOQ	ppm						
Acephate	< LOQ	ppm						
Acequinocyl	< LOQ	ppm						
Acetamiprid	< LOQ	ppm						
Aldicarb	< LOQ	ppm						
Azoxystrobin	< LOQ	ppm						
Bifenazate	< LOQ	ppm						
Bifenthrin	< LOQ	ppm						
Boscalid	< LOQ	ppm						
Carbaryl	< LOQ	ppm						
Carbofuran	< LOQ	ppm						
Chlorantraniliprole	< LOQ	ppm						
Chlorfenapyr	< LOQ	ppm						
Chlorpyrifos	< LOQ	ppm						
Clofentezine	< LOQ	ppm						
Cyfluthrin	< LOQ	ppm						
Cypermethrin	< LOQ	ppm						
Daminozide	< LOQ	ppm						
DDVP (Dichlorvos)	< LOQ	ppm						
Diazinon	< LOQ	ppm						
Dimethoate	< LOQ	ppm						
Ethoprophos	< LOQ	ppm						
Etofenprox	< LOQ	ppm						
Etoxazole	< LOQ	ppm						
Fenoxycarb	< LOQ	ppm						
Fenpyroximate	< LOQ	ppm						
Fipronil	< LOQ	ppm						



Breeanna Hamilton For Brian Weigel
Lab Director

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Quality Control Pesticide Analysis (Continued)

Batch: B211322 - Pesticide Prep (Continued)

Blank(B211322-BLK1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:23					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Flonicamid	< LOQ	ppm						
Fludioxonil	< LOQ	ppm						
Hexythiazox	< LOQ	ppm						
Imazalil	< LOQ	ppm						
Imidacloprid	< LOQ	ppm						
Kresoxim-methyl	< LOQ	ppm						
Malathion	< LOQ	ppm						
Metalaxyl	< LOQ	ppm						
Methiocarb	< LOQ	ppm						
Methomyl	< LOQ	ppm						
Methyl parathion	< LOQ	ppm						
MGK-264	< LOQ	ppm						
Myclobutanil	< LOQ	ppm						
Naled	< LOQ	ppm						
Oxamyl	< LOQ	ppm						
Paclobutrazol	< LOQ	ppm						
Permethrins (total)	< LOQ	ppm						
Phosmet	< LOQ	ppm						
Piperonyl butoxide	< LOQ	ppm						
Prallethrin	< LOQ	ppm						
Propiconazole	< LOQ	ppm						
Propoxur	< LOQ	ppm						
Pyrethrins (total)	< LOQ	ppm						
Pyridaben	< LOQ	ppm						
Spinosad	< LOQ	ppm						
Spiromesifen	< LOQ	ppm						
Spirotetramat	< LOQ	ppm						
Spiroxamine	< LOQ	ppm						
Tebuconazole	< LOQ	ppm						
Thiacloprid	< LOQ	ppm						
Thiamethoxam	< LOQ	ppm						
Trifloxystrobin	< LOQ	ppm						

LCS(B211322-BS1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:39					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit

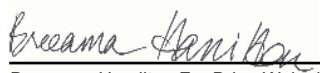

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Lab Director

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Quality Control Pesticide Analysis (Continued)

Batch: B211322 - Pesticide Prep (Continued)

LCS(B211322-BS1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:39					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	1.13	ppm	0.980		115	15-180		
Acephate	0.88	ppm	1.00		88.5	70-130		
Acequinocyl	0.41	ppm	1.00		40.7	16.9-111		
Acetamiprid	1.77	ppm	1.00		177	70-130		
Aldicarb	1.44	ppm	1.00		144	70-130		
Azoxystrobin	1.04	ppm	1.00		104	70-130		
Bifenazate	0.93	ppm	1.00		92.6	70-130		
Bifenthrin	0.67	ppm	1.00		67.2	70-130		
Boscalid	1.11	ppm	1.00		111	70-130		
Carbaryl	1.03	ppm	1.00		103	70-130		
Carbofuran	1.04	ppm	1.00		104	70-130		
Chlorantraniliprole	2.29	ppm	1.00		229	70-130		
Chlorfenapyr	0.79	ppm	1.00		79.3	40-160		
Chlorpyrifos	0.77	ppm	1.00		77.1	70-130		
Cinerin 1	0.04	ppm	0.0400		98.3	0-200		
cis-Permethrin	0.31	ppm	0.430		71.2	70-130		
Clofentezine	0.97	ppm	1.00		97.2	70-130		
Cyfluthrin	0.82	ppm	1.00		81.9	55-165		
Cypermethrin	0.91	ppm	1.00		91.3	70-130		
Daminozide	1.44	ppm	1.00		144	15-145		
DDVP (Dichlorvos)	1.20	ppm	1.00		120	70-130		
Diazinon	1.04	ppm	1.00		104	70-130		
Dimethoate	0.99	ppm	1.00		99.4	70-130		
Ethoprophos	0.98	ppm	1.00		97.7	70-130		
Etofenprox	0.83	ppm	1.00		82.6	70-130		
Etoxazole	0.98	ppm	1.00		98.3	70-130		
Fenoxycarb	1.02	ppm	1.00		102	70-130		
Fenpyroximate	1.08	ppm	1.00		108	70-130		
Fipronil	0.99	ppm	1.00		99.3	70-130		
Flonicamid	0.93	ppm	1.00		93.1	70-130		
Fludioxonil	1.27	ppm	1.00		127	70-130		
Hexythiazox	0.92	ppm	1.00		92.3	70-130		
Imazalil	1.06	ppm	1.00		106	70-130		
Imidacloprid	1.75	ppm	1.00		175	70-130		
Jasmolin 1	0.04	ppm	0.0300		140	0-200		


Breeanna Hamilton For Brian Weigel

Lab Director

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Quality Control Pesticide Analysis (Continued)

Batch: B211322 - Pesticide Prep (Continued)

LCS(B211322-BS1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:39					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Kresoxim-methyl	1.04	ppm	1.00		104	70-130		
Malathion	0.86	ppm	1.00		86.0	70-130		
Metalaxyl	1.05	ppm	1.00		105	70-130		
Methiocarb	1.05	ppm	1.00		105	70-130		
Methomyl	0.97	ppm	1.00		97.1	70-130		
Methyl parathion	0.90	ppm	1.00		89.9	35-160		
MGK-264	0.50	ppm	0.590		84.7	70-130		
Myclobutanil	1.05	ppm	1.00		105	70-130		
Naled	0.89	ppm	1.00		88.9	70-130		
Oxamyl	0.85	ppm	1.00		84.9	70-130		
Paclobutrazol	0.96	ppm	1.00		95.7	70-130		
Permethrins (total)	0.73	ppm	1.00		73.2	70-130		
Phosmet	0.98	ppm	1.00		98.1	70-130		
Piperonyl butoxide	0.88	ppm	1.00		87.6	70-130		
Prallethrin	0.97	ppm	1.00		96.5	70-130		
Propiconazole	1.30	ppm	1.00		130	70-130		
Propoxur	1.02	ppm	1.00		102	70-130		
Pyrethrins (total)	0.61	ppm	0.580		105	70-130		
Pyrethrin 1	0.53	ppm	0.510		103	0-200		
Pyridaben	0.92	ppm	1.00		92.3	70-130		
Spinosad	0.84	ppm	0.710		118	70-130		
Spiromesifen	0.93	ppm	1.00		92.6	70-130		
Spirotetramat	1.06	ppm	1.00		106	70-130		
Spiroxamine	0.95	ppm	1.00		94.6	70-130		
Tebuconazole	1.09	ppm	1.00		109	70-130		
Thiacloprid	1.67	ppm	1.00		167	70-130		
Thiamethoxam	0.90	ppm	1.00		90.3	70-130		
trans-Permethrin	0.43	ppm	0.570		74.7	70-130		
Trifloxystrobin	0.95	ppm	1.00		94.8	70-130		

LCS Dup(B211322-BSD1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:55					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	1.13	ppm	0.980		115	15-180	0.0323	30
Acephate	0.84	ppm	1.00		83.8	70-130	5.39	30
Acequinocyl	0.32	ppm	1.00		31.7	16.9-111	24.8	30

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Lab Director

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Quality Control Pesticide Analysis (Continued)

Batch: B211322 - Pesticide Prep (Continued)

LCS Dup(B211322-BSD1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:55					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acetamiprid	1.72	ppm	1.00		172	70-130	2.68	30
Aldicarb	1.36	ppm	1.00		136	70-130	5.81	30
Azoxystrobin	1.04	ppm	1.00		104	70-130	0.423	30
Bifenazate	0.95	ppm	1.00		94.8	70-130	2.39	30
Bifenthrin	0.69	ppm	1.00		69.4	70-130	3.18	30
Boscalid	1.09	ppm	1.00		109	70-130	1.17	30
Carbaryl	1.00	ppm	1.00		100	70-130	2.42	30
Carbofuran	1.03	ppm	1.00		103	70-130	1.54	30
Chlorantraniliprole	2.26	ppm	1.00		226	70-130	1.39	30
Chlorfenapyr	1.01	ppm	1.00		101	40-160	23.7	30
Chlorpyrifos	0.79	ppm	1.00		78.5	70-130	1.84	30
Cinerin 1	0.04	ppm	0.0400		95.0	0-200	3.44	30
cis-Permethrin	0.32	ppm	0.430		73.5	70-130	3.17	30
Clofentezine	0.97	ppm	1.00		96.7	70-130	0.579	30
Cyfluthrin	0.74	ppm	1.00		74.0	55-165	10.1	30
Cypermethrin	0.91	ppm	1.00		91.2	70-130	0.102	30
Daminozide	1.45	ppm	1.00		145	15-145	0.147	30
DDVP (Dichlorvos)	1.21	ppm	1.00		121	70-130	0.533	30
Diazinon	0.99	ppm	1.00		98.8	70-130	5.31	30
Dimethoate	0.98	ppm	1.00		98.4	70-130	1.00	30
Ethoprophos	0.97	ppm	1.00		97.0	70-130	0.667	30
Etofenprox	0.84	ppm	1.00		84.0	70-130	1.65	30
Etoxazole	1.00	ppm	1.00		100	70-130	1.72	30
Fenoxycarb	1.01	ppm	1.00		101	70-130	1.66	30
Fenpyroximate	1.11	ppm	1.00		111	70-130	2.03	30
Fipronil	1.03	ppm	1.00		103	70-130	3.68	30
Flonicamid	0.93	ppm	1.00		93.2	70-130	0.0953	30
Fludioxonil	1.26	ppm	1.00		126	70-130	0.208	30
Hexythiazox	0.93	ppm	1.00		93.1	70-130	0.854	30
Imazalil	1.06	ppm	1.00		106	70-130	0.500	30
Imidacloprid	1.69	ppm	1.00		169	70-130	3.82	30
Jasmolin 1	0.04	ppm	0.0300		137	0-200	2.33	30
Kresoxim-methyl	1.04	ppm	1.00		104	70-130	0.360	30
Malathion	0.87	ppm	1.00		86.9	70-130	1.05	30
Metalaxyl	1.02	ppm	1.00		102	70-130	2.44	30

Breeanna Hamilton

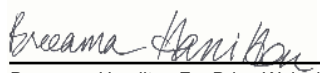
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Lab Director

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Quality Control Pesticide Analysis (Continued)

Batch: B211322 - Pesticide Prep (Continued)

LCS Dup(B211322-BSD1)			Extracted - 05/05/21 15:00 Analyzed - 05/08/21 17:55					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Methiocarb	1.03	ppm	1.00		103	70-130	1.94	30
Methomyl	0.95	ppm	1.00		95.2	70-130	2.05	30
Methyl parathion	0.86	ppm	1.00		86.3	35-160	4.14	30
MGK-264	0.51	ppm	0.590		86.6	70-130	2.17	30
Myclobutanil	1.07	ppm	1.00		107	70-130	2.56	30
Naled	0.93	ppm	1.00		93.5	70-130	4.99	30
Oxamyl	0.83	ppm	1.00		83.1	70-130	2.12	30
Paclobutrazol	0.96	ppm	1.00		95.5	70-130	0.187	30
Permethrins (total)	0.74	ppm	1.00		74.0	70-130	1.12	30
Phosmet	0.98	ppm	1.00		98.0	70-130	0.0890	30
Piperonyl butoxide	0.88	ppm	1.00		88.0	70-130	0.460	30
Prallethrin	1.00	ppm	1.00		99.6	70-130	3.10	30
Propiconazole	1.26	ppm	1.00		126	70-130	3.52	30
Propoxur	1.00	ppm	1.00		100	70-130	1.73	30
Pyrethrins (total)	0.60	ppm	0.580		103	70-130	1.10	30
Pyrethrin 1	0.52	ppm	0.510		102	0-200	0.824	30
Pyridaben	0.96	ppm	1.00		95.8	70-130	3.77	30
Spinosad	0.80	ppm	0.710		112	70-130	5.25	30
Spiromesifen	0.95	ppm	1.00		94.6	70-130	2.11	30
Spirotetramat	1.06	ppm	1.00		106	70-130	0.236	30
Spiroxamine	0.94	ppm	1.00		93.7	70-130	0.943	30
Tebuconazole	1.08	ppm	1.00		108	70-130	0.661	30
Thiacloprid	1.66	ppm	1.00		166	70-130	0.674	30
Thiamethoxam	0.90	ppm	1.00		90.0	70-130	0.303	30
trans-Permethrin	0.42	ppm	0.570		74.4	70-130	0.383	30
Trifloxystrobin	0.95	ppm	1.00		94.8	70-130	0.0335	30



Breeanna Hamilton For Brian Weigel
Lab Director

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of SC Laboratories. Samples tested in accordance with Oregon Administrative Rules, TNI 2009 Standard and SC Laboratories quality assurance plan unless otherwise noted.



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 21-005248/D002.R00
Report Date: 05/18/2021
ORELAP#: OR100028
Purchase Order:
Received: 05/11/21 16:30

Customer: Danodan Hemp Works
Product identity: TB-34
Client/Metric ID: .
Laboratory ID: 21-005248-0004

Sample Date: 02/08/21 09:30

Summary

Metals:

Analyte	Result	Units
Lead	0.0759	mg/kg

Microbiology:

Less than LOQ for all analytes.



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Portland, OR 97230
503-254-1794



Report Number: 21-005248/D002.R00
Report Date: 05/18/2021
ORELAP#: OR100028
Purchase Order:
Received: 05/11/21 16:30

Customer: Danodan Hemp Works
6019 NE MLK Jr Blvd
Portland Oregon 97211
United States of America (USA)

Product identity: TB-34
Client/Metric ID: .
Sample Date: 02/08/21 09:30
Laboratory ID: 21-005248-0004
Evidence of Cooling: No
Temp: 29 °C

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2104242	05/14/21	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	2104240	05/14/21	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2104240	05/14/21	AOAC 991.14 (Petrifilm)	X
Staphylococcus aureus	< LOQ		cfu/g	10	2104243	05/13/21	AOAC 2003.07	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2104241	05/14/21	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2104241	05/14/21	AOAC 2014.05 (RAPID)	X
Pseudomonas spp.	< LOQ		cfu/g	10	2104244	05/14/21	ISO 13720:1995	X

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0283	2104288	05/12/21	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0283	2104288	05/12/21	AOAC 2013.06 (mod.)	X
Lead	0.0759		mg/kg	0.0348	2104391	05/14/21	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0141	2104288	05/12/21	AOAC 2013.06 (mod.)	X

Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Gluten	< LOQ		mg/kg	5.0	2104341	05/13/21	AOAC 991.19 (mod.)	X Q1



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These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Units of Measure

cfu/g = Colony forming units per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

% wt = $\mu\text{g/g}$ divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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Report Number: 21-005248/D002.R00
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Hemp Products

Chain of Custody Record

Revision: 0.00 Control#: CF002 Rev: 02/27/2020 Eff: 02/27/2020

ORELAP ID: OR100028

21-005248

Company: Danodan Hempworks Contact: Steven Sands Street: 6019 NE MLK Jr. Blvd City: Portland State: OR Zip: 97211 Email Results: Steve@danodan.com Ph: (503) 3670896 Fx Results: () Billing (if different):			Analysis Requested								PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - ☐ METRC or ☐ Other: _____ Turn-around time: ☐ Standard ☐ Rush * ☐ Priority Rush * *Ask for availability Sampled by: _____			
Lab ID	Client Sample Identification	Date	Heavy Metals	APC	E Coli	Staph	Mold/Yeast	Pseudomonas	Gluten	Sample Type #	Report units (potency)	Serving size (edibles)	Comments/Metric ID	
1	TB-35	4/14/21	✓	✓	✓	✓	✓	✓	✓	T				
2	SHOT-15-17	5/11/21	✓	✓	✓	✓	✓	✓	✓	T				
3	SHOT-10-10	5/11/21	✓	✓	✓	✓	✓	✓	✓	T				
4	TB-34	2/8/21	✓	✓	✓	✓	✓	✓	✓	T				
Relinquished By: Steven Sands			Date: 5/11/21	Time: 4:30p	Received by: [Signature]			Date: 5-11-21	Time: 1:30	Lab Use Only: ☐ Shipped Via: _____ or ☐ Client drop off Evidence of cooling: ☐ yes ☐ No - Temp (°C): 29 Sample in good condition: ☐ yes ☐ No ☐ Cash ☐ Check ☐ CC ☐ Net: Prelog storage: _____				

* - Sample type codes: Topicals (T); Edibles (E); Tincture (T); Bath Salts (S); Beverages (B)
Report unit options: %; mg/g; mg/serving

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info@columbialaboratories.com

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Report Number: 21-005248/D002.R00
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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.