

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

ITEST & 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.



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



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



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

C L									
9 N	ot-15-1								
Danodan Hemp	works San	nple Type: Tincture:	3	Met	rc Batch ID:			Harvest/Proces	s Date: 11/25/2019
(503) 290-4079	Ana	nple Date: 12/2/2019 alysis Date: 12/3/2019 port Date: 12/9/2019	19	Met	rc Sample ID:			Report ID: LS-1912	04-28
Potency	,								
Potency Analys Potency Batch I	is Date: 12/3/2019 ID: CAN_120319C d: JAOAC 2015.1						/	/	
						1			
16.	. <mark>5 mg/</mark> r	nL	TotalCBD 1.51%		6				
					10				
n a	72 mg/	ml	Total THC						
0.3	/ Z III Y /		0.0892%		100				
Samples: ZJH-PD	PF-PFD, TTT-GNB-SHT mL				× *				
	mL								
Density = 1.09 g/i									
	Description	LOQ	RPD (%)	Min.	Max.	Avg.		1	Unit: 1
Analyte	Description Delta-9 Tetrahydrocannabino		RPD (%)	Min. 0.947	Max. 0.996	Avg. 8.972	-	1	Unit: 1
Analyte A9THC		0.28				Avg. 0.072 ND	2	1.00	Unit:
Analyte A9THC THCA	Delta-9 Tetrahydrocannabino	0.28	5.05	0.947	0.996	Avg. 8.972 ND 16.1	-		Unit:
Analyte A9THC THCA CBD	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolic acid	bl 0.28	5.05	0.947 ND	0.996 ND		2	-	Unit:
Analyte A9THC THCA CBD CBDA	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolic acid Cannabidiol	01 0.28 0 0.28 0.28 0.28 0.28	5.05 0.00 0.534	0.947 ND 16.1	0.996 ND 16.2	16.1	2	-	Unit:
Analyte A9THC THCA CBD CBDA A&THC	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolic acid Cannabidiol Cannabidiolic acid	01 0.28 0 0.28 0.28 0.28 0.28	5.05 0.00 0.534 4.24	0.947 ND 16.1 0.352	0.996 ND 16.2 0.367	16.1 0.360	-	-	Unit:
Analyte A9THC THCA CBD CBDA A&THC THCV	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolic acid Cannabidiol Cannabidiolic acid Delta-8 Tetrahydrocannabino	01 0.28 0 0.28 0.28 0.28 0.28 0.28	5.05 0.00 0.534 4.24 0.00	0.947 ND 16.1 0.352 ND	0.996 ND 16.2 0.367 ND	16.1 0.360 ND	2		Unit:
Analyte AgTHC THCA CBD CBDA A&THC THCV CBG	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolic acid Cannabidiol Cannabidiolic acid Delta-8 Tetrahydrocannabino Tetrahydrocannabivarin+	01 0.28 0 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	5.05 0.00 0.534 4.24 0.00 0.00	0.947 ND 16.1 0.352 ND ND	0.996 ND 16.2 0.367 ND ND	16.1 0.360 ND ND	-		Unit: r
Analyte A9THC THCA CBD CBDA A8THC THCV CBG CBGA	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolic acid Cannabidiol Cannabidiolic acid Delta-8 Tetrahydrocannabino Tetrahydrocannabiyarin+ Cannabigerol+	01 0.28 d 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	5.05 0.00 0.534 4.24 0.00 0.00 0.493	0.947 ND 16.1 0.352 ND ND 0.441	0.996 ND 16.2 0.367 ND ND 0.444	16.1 0.360 ND 0.443	-		Unit: r
Analyte A9THC THCA CBD CBDA ASTHC THCV CBG CBGA CBC	Delta-9 Tetrahydrocannabino Tetrahydrocannabinoli acid Cannabidoli Cannabidoli acid Delta-8 Tetrahydrocannabino Tetrahydrocannabivarin+ Cannabigerol+ Cannabigerol+	b1 0.28 d 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	5.05 0.00 0.534 4.24 0.00 0.00 0.493 0.00	0.947 ND 16.1 0.352 ND ND 0.441 ND	0.996 ND 16.2 0.367 ND 0.444 ND	16.1 0.360 ND 0.443 ND			Unit: I
Analyte A9THC THCA CBD CBDA A8THC THCV CBG CBGA CBC CBCA	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolic acid Cannabidol Cannabidolic acid Delta-8 Tetrahydrocannabino Tetrahydrocannabivarin+ Cannabigerol* Cannabigerol* Cannabigerol	01 0.28 d 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	5.05 0.00 0.534 4.24 0.00 0.00 0.493 0.00 4.72	0.947 ND 16.1 0.352 ND ND 0.441 ND 0.586	0.996 ND 16.2 0.367 ND 0.444 ND 0.615	16.1 0.360 ND 0.443 ND 0.601	-		Unit
Analyte AsTHC CBD CBDA ASTHC CBG CBGA CBC CBCA CBN	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolic acid Cannabidol Cannabidolic acid Delta-8 Tetrahydrocannabino Tetrahydrocannabivarin* Cannabigerol* Cannabidromene* Cannabichromene* Cannabichromene acid*	bl 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	5.05 0.00 0.534 4.24 0.00 0.00 0.493 0.00 4.72 0.00	0.947 ND 16.1 0.352 ND 0.441 ND 0.586 ND	0.996 ND 16.2 0.367 ND 0.444 ND 0.615 ND	16.1 8.368 ND 0.443 ND 0.601 ND	-		Unit:
Analyte AsTHC CBD CBDA ASTHC CBG CBGA CBC CBCA CBN	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolic acid Cannabidiol Cannabidiolic acid Delta-8 Tetrahydrocannabino Tetrahydrocannabivarin+ Cannabigerol* Cannabigerol: acid* Cannabichromente acid* Cannabichromente acid*	bl 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	5.05 0.00 0.534 4.24 0.00 0.00 0.493 0.00 4.72 0.00 0.00 0.00	0.947 ND 16.1 0.352 ND 0.441 ND 0.586 ND <loq< td=""><td>0.996 ND 16.2 0.367 ND 0.444 ND 0.615 ND <loq< td=""><td>16.1 9.360 ND 9.443 ND 9.601 ND <loq< td=""><td>-</td><td></td><td>Unit: n</td></loq<></td></loq<></td></loq<>	0.996 ND 16.2 0.367 ND 0.444 ND 0.615 ND <loq< td=""><td>16.1 9.360 ND 9.443 ND 9.601 ND <loq< td=""><td>-</td><td></td><td>Unit: n</td></loq<></td></loq<>	16.1 9.360 ND 9.443 ND 9.601 ND <loq< td=""><td>-</td><td></td><td>Unit: n</td></loq<>	-		Unit: n
Analyte ASTHC CBD CBDA ASTHC CBD CBDA ASTHC CBC CBGA CBC CBGA CBC CBCA CBN Total THC	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolis acid Cannabidoli Cannabidolic acid Delta-8 Tetrahydrocannabino Tetrahydrocannabivarin* Cannabigerolic acid* Cannabichromenic acid* Cannabichromenic acid* Cannabinol 20THC + (THCA × 0.877)	bl 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	5.65 6.00 0.534 4.24 6.00 0.493 0.00 4.72 0.00 4.72 0.00 0.00 5.05	0.947 ND 16.1 0.352 ND 0.441 ND 0.586 ND <loq 0.947</loq 	0.996 ND 16.2 0.367 ND 0.444 ND 0.615 ND <loq 0.996</loq 	16.1 0.360 ND 0.443 ND 0.601 ND <loq 0.972</loq 	-		Unit: s
Analyte A9THC THCA CBD CBDA ASTHC CBCA CBGA CBGA CBCA CBCA CBCA CBCA Total THC Total CBD	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolic acid Cannabidioli Cannabidioli acid Delta-8 Tetrahydrocannabino Tetrahydrocannabivarin+ Cannabigerol* Cannabiderolic acid* Cannabideromente acid* Cannabichromente acid* Cannabinol A9TH: + (THCA × 0.877) CBD + (CBDA × 0.877)	bl 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	5.65 6.60 6.534 4.24 6.60 6.60 6.493 6.60 4.72 6.60 5.05 6.665	0.947 ND 16.1 0.352 ND 0.441 ND 0.586 ND <loq 0.947 16.4</loq 	0.996 ND 16.2 0.367 ND 0.444 ND 0.615 ND <loq 0.996 16.5</loq 	16.1 8.360 ND 0.443 ND 0.601 ND <loq 8.972 16.5</loq 	-		Unit: n
Analyte ASTHC CBD CBDA ASTHC CBD CBDA ASTHC CBG CBGA CBGA CBC CBGA CBN Total THC Total CBD	Delta-9 Tetrahydrocannabino Tetrahydrocannabinolic acid Cannabidoli Cannabidoli Caid Delta-8 Tetrahydrocannabino Tetrahydrocannabivarin* Cannabigerol* Cannabichromene Cannabi	bl 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	5.65 6.60 6.534 4.24 6.60 6.60 6.493 6.60 4.72 6.60 5.05 6.665	8.947 ND 16.1 9.352 ND 8.441 ND 8.586 ND <loq 8.947 16.4 18.4</loq 	0.996 ND 16.2 0.367 ND 0.444 ND 0.615 ND <loq 0.996 16.5</loq 	16.1 8.369 ND 0.443 ND 0.601 ND <loq 0.972 16.5 18.5</loq 	-		Unit in
Analyte ASTRC CED CED CEDA ASTRC CEDA ASTRC CEDA CEC CEDA CEC CECA CEC CECA CEC CECA CEC Total TRC Total CED Total	Delta-9 Tetrahydrocannabinol Tetrahydrocannabinolic acid Cannabidiol Cannabidiol Delta-8 Tetrahydrocannabinol Tetrahydrocannabion Tetrahydrocannabion Cannabigerolic acid+ Cannabichromenet Canna	01 0.28 0 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28	5.65 6.00 0.534 4.24 6.00 0.493 0.00 4.72 0.00 4.72 0.00 5.05 5.05 0.665	8.947 ND 16.1 9.352 ND 8.441 ND 8.586 ND <loq 8.947 16.4 18.4</loq 	0.996 ND 16.2 0.367 ND 0.444 ND 0.615 ND <loq 0.996 16.5 18.6</loq 	16.1 0.360 ND 0.443 ND 0.601 ND <loq 0.972 16.5 18.5 3/2019</loq 	-		
Analyte A9THC 49THCA CGD CGDA A8THC CGC CGCA CGC CGCA CGCA CGCA CGCA CGCA	Delta-9 Tetrahydrocannabinolic acid Cannabidiol Cannabidiolic acid Delta-8 Tetrahydrocannabino Tetrahydrocannabinol Cannabigerolic acid Cannabigerolic acid Cannabichromenic acid+ Cannabichromenic acid+ Cann	hin limits	5.65 6.00 0.534 4.24 6.00 0.493 0.00 4.72 0.00 4.72 0.00 5.05 5.05 0.665	0.947 ND 16.1 0.352 ND 0.586 ND <loq 0.947 16.4 18.4 2.00 2.947 2.00 2.947 2.00 2.947 2.00 2.947 2.00 2.947 2.00 2.947 ND ND ND ND ND ND ND ND ND ND ND ND ND</loq 	6.996 ND 16.2 0.367 ND 0.444 ND 0.615 ND <loq 0.996 16.5 18.6</loq 	16.1 0.360 ND 0.443 ND 0.641 ND 0.661 ND <loq 0.972 16.5 18.5 3/2019 3/2019</loq 	-		P
Analyte ASTRC ASTRC CBD CBDA ASTRC CBCA CBCA CBCA CBCA CBCA CBCA CBCA CB	Delta-9 Tetrahydrocannabinolic acid Cannabidiol Cannabidiolic acid Delta-8 Tetrahydrocannabino Tetrahydrocannabinol Cannabigerolic acid Cannabigerolic acid Cannabichromenic acid+ Cannabichromenic acid+ Cann	1 0.28 1 0.28 0.2	5.65 6.00 0.534 4.24 6.00 0.493 0.00 4.72 0.00 4.72 0.00 5.05 5.05 0.665	0.947 ND 16.1 0.352 ND 0.586 ND <loq 0.947 16.4 18.4 2.00 2.947 2.00 2.947 2.00 2.947 2.00 2.947 2.00 2.947 2.00 2.947 ND ND ND ND ND ND ND ND ND ND ND ND ND</loq 	6.996 ND 16.2 6.367 ND 0.444 ND 6.615 ND 4.00 6.905 18.6 18.6	16.1 0.360 ND 0.443 ND 0.641 ND 0.661 ND <loq 0.972 16.5 18.5 3/2019 3/2019</loq 	-		



HOW TO READ OUR CERTIFICATE OF ANALYSIS (COA)

PAGE 2-3 **PESTICIDE DATA**



All cannabis must be tested for the presence of a number of different contaminants, including pesticides. Danodan uses hemp that is grown using organic techniques, ensuring we use only the purest, cleanest hemp.

		Date: 12/	/3/2019 9/2019		Metrc Sample ID:		Report		04-28			-
							Method	E EN 150	62	Pass 😔	L	
	TT ONB FUT	. Limite	100 Notes	Flaters	diselector.	THE BOE BED	TT ONE FUT	Lineka	100 Notes	Finite	25/2019	
ND	ND			Page	Metalaxyl	ND	ND ND	0.2	0.1	Pass	8	
ND	ND	0.4	0.1	Pass	Methiocarb	ND	ND	0.2	0.1	Pass		
							ND			Pass		
ND	ND	8.2	0.1	Pass		ND	ND			Pass		
											nita (%)	Notes
ND	ND ND	8.2	0.1	Pass	Naled Downy]	ND	ND	0.5	0.2	Pass	- 150	
ND	ND	0.4	0.1	Pass	Paclobutrazol	ND	ND	0.4	0.1	Pass	- 150	
ND	ND	0.2	0.1	Pass	Permethrins	ND	ND	0.2	0.1	Pass	- 150	
ND	ND	0.2	0.1	Pass	Phoamet	ND	ND	0.2	0.1	Pass		
ND	ND	8.2	0.1	Pass	Piperonyl Butoxide	ND	ND	2.0	0.1	Pass		
											- 150	
ND	ND	1.0	8.1	Page		ND	ND	1.0	0.1	Pass	- 150	
ND	ND	1.0	0.1	Pass	Pyridaben	ND	ND	0.2	0.1	Pass	- 150	
ND	ND	1.0	0.5	Pass	Spinosad	ND	ND	0.2	0.1	Pass		
ND	ND	0.2	0.1	Pass	Spiromesifen	ND	ND	0.2	0.1	Pass		
				Pass							- 150	
ND	ND	0.2	0.1	Pass	Thismethoxam	ND	ND		0.1	Pass	- 150	
ND	ND	0.2	0.1	Pass	Triflosystrobin	ND	ND	0.2	0.1	Pass	- 150	
ND	ND	0.4	0.1	Pass								
ND	ND	0.4	0.1	Pass								1.8
				Pass								LR
ND	ND	0.2	0.1	Pass							- 150	
ND	ND	0.4	0.1	Pass							- 150	
ND	ND	0.4	0.1	Pass								
ND	ND	0.2	0.1	Pass								
											L	
d in good conditi	on and Quality	y Control	samples net acce	gtance crites	ria. This Certificate shall not	be reproduced e				2 of 6	L	
					Description Terms of the second	Approximation Approxim	Construction Construction<					Antional bank bank bank bank bank bank bank bank

PAGE 4-5 RESIDUAL SOLVENT DATA

Certain solvents can be harmful to human health and safety if they remain in the final product. If a producer uses a solvent or concentrate in their product, thorough testing is required to ensure that potential residual amounts are below recognized safety limits. Danodan uses a high-purity concentrate in our yellow and red label products, so Residual Solvent testing is required. Our blue label products do not use any solvents or concentrates; therefore, no Residual Solvent testing is needed for blue label products.

Danodan Hempworks (503) 290-4079	Sample Type: Ti Sample Date: 12/ Analysis Date: 12 Report Date: 12/1	2/2019 (3/2019	Metrc Batch Metrc Sample		Harvest/Process Date: 17 Report ID: LS-191204-2		÷
Residual Solvents Sample Data	5		Solvents Ana Solvents Bais	lysis Date: 12/3/2019 ch ID: RES_120319A	Method: EPA 5021A Unit: yg/g (ppm)	Pass 🧭	25/2012
Analyte	ZJN-PDF-PFD	TTT-GNB-SHT	RPD (%)	Limits	LOQ Notes	Status	8
1,4-Dioxane	ND	ND	0.00	388.0	50.0	Page	0
2-Butanol	ND	ND	0.00	5000.0	250.0	Pass	
2-Ethoxyethanol	ND	ND	0.00	168.8	50.0	Pass	
Acetone	ND	ND	0.00	5000.0	250.0	Pass	
Acetonitrile	ND	ND	0.00	410.0	50.0	Pass	
Benzene	ND	ND	0.00	2.0	2.0	Page	,
Butanes	ND	ND	0.00	5000.0	250.0	Page	
Cunene	ND	ND	0.00	78.8	50.0	Pass	
Cyclohexane	ND	ND	0.00	3880.0	50.0	Pass	
Ethyl Acetate	ND	ND	0.00	5000.0	258.8	Pass	
Ethyl Ether	ND	ND	0.00	5000.0	258.8	Pass	
Ethylene Glycol	ND	ND	0.00	628.0	250.0	Page	
Ethylene Oxide	ND	ND	0.00	50.0	50.0	Page	
Heptane	ND	ND	0.00	5000.0	250.0	Page	
Nexaties	ND	ND	0.00	298.0	50.0	Page	
Isopropanol (2-Propanol)	ND	ND	0.00	5000.0	50.0	Page	
Isopropyl Acetate	ND	ND	0.00	5000.0	258.8	Pass	
Methanol	<1.00	<l00< td=""><td>0.00</td><td>3000.0</td><td>250.0</td><td>Page</td><td></td></l00<>	0.00	3000.0	250.0	Page	
Dichloromethane	ND	ND	0.00	6.00.0	50.0	Page	
Pentanes	ND	ND	0.00	5000.0	258.8	Pass	
Propane	ND	ND	0.00	5000.0	250.0	Pass	
Tetrahydrofuran	ND	ND	0.00	728.0	50.0	Pass	
Toluene	ND	ND	0.00	898.8	50.0	Page	
Xylenes	ND	ND	0.00	2170.0	50.0	Pass	
							I
Lightecule Lubs is accredited by OBELA acced, samples were received in good or approval of Lightecule Lubs. Results ma	andition and Quality Control	unples net acceptance cri	teria. This Certifics	te shall not be reproduced		4 of 6	I

LOQ - (Limit of Quantitation):

The lowest quantity of a substance that can be reliably measured. If a product measures <LOQ, that means that the substance was detected, but at levels below which it can be accurately measured. This is different from ND, which means that none of that substance was detected.

RPD (%) - Relative Percent Difference:

Each sample we send to the lab is tested multiple times, and the results of the various tests are averaged to give the final results. RPD represents the average variation in measurement of a certain substance between multiple rounds of testing



Sleep-02

Danodan Hempworks 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079 Sample Type: Tinctures Sample Date: 6/30/2021 Analysis Date: 7/1/2021 Report Date: 7/7/2021 Client ID: PST-XNW ODA: AG-R1058177IHH Metrc Batch ID:

Metrc Sample ID:

Harvest/Process Date: 6/29/2021 Report ID: LS-210707-5 Sample Plan: ZN-ZN-JM-NN_20210630_2B Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

Potency

Potency Analysis Date: 7/1/2021 Potency Batch ID: CAN_070121A Potency Method: JAOAC 2015.1



Total CBD 1.44%

info@lightscale.com

OLCC #010-1003340D344

ORELAP #4112





Samples: PNB-XXJ-SSH, FFD-HXX-PWD

Analyte	Description	LOQ	RPD (%)	Min.	Max.	Avg.	
19ТНС	Delta-9 Tetrahydrocannabinol	0.0057	2.05	0.549	0.561	0.555	-
ГНСА	Tetrahydrocannabinolic acid	0.0057	1.87	0.0604	0.0615	0.0610	•
BD	Cannabidiol	0.0057	1.16	16.1	16.2	16.1	
BDA	Cannabidiolic acid	0.0057	2.35	0.384	0.393	0.389	•
8THC	Delta-8 Tetrahydrocannabinol*	0.0057	0.00	ND	ND	ND	
нси	Tetrahydrocannabivarin*	0.0057	0.00	ND	ND	ND	
BG	Cannabigerol*	0.0057	0.662	0.343	0.345	0.344	•
BGA	Cannabigerolic acid*	0.0057	0.00	ND	ND	ND	
BC	Cannabichromene*	0.0057	0.494	0.691	0.694	0.693	
BCA	Cannabichromenic acid*	0.0057	0.00	ND	ND	ND	
BN	Cannabinol*	0.0057	0.00	0.0194	0.0194	0.0194	•
Total THC	Δ9THC + (THCA × 0.877)		2.04	0.602	0.614	0.609	•
otal CBD	CBD + (CBDA × 0.877)		1.18	16.4	16.5	16.4	
Total			0.978	18.1	18.4	18.2	

Compliance

Pesticides	Within limits	Analysis Date: 7/1/2021	Pass ⊘
Solvents	Within limits	Analysis Date: 7/2/2021	Pass ⊘
Potency	Within limits	Analysis Date: 7/1/2021	Pass ⊘

Bure Netter Bryce Kidd, Ph.D.

Bryce Kidd, Ph.D. Lab Director

Aaron Troyer

Chief Science Officer



Lightscale Labs is accredited by ORELAP (Lab #4112) for analysis in compliance with OAR 333-064 and OAR 333-067. 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.



Sleep-02

Danodan Hempwor 6019 NE MLK JR. BL PORTLAND, OR 97 (503) 290-4079	_VD.	Sample Type: Tinc Sample Date: 6/30 Analysis Date: 7/1/ Report Date: 7/7/2 Client ID: PST-XNV	0/2021 2021 021	ODA: AG-R1058 Metrc Batch ID: Metrc Sample II		Harvest/Process Date: Report ID: LS-210707-5 Sample Plan: ZN-ZN-JM Sample Procedure: 160 SOP_SampleCollection	1-NN_20210630_2B 0721_LAB-
Poten Qualit	icy ty Control Data				alysis Date: 7/1/2021 cch ID: CAN_070121A	Method: JAOAC 2015.1 Unit: mg/g (ppm)	
Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Δ9ΤΗC	ND	0.0057	19.8	19.1	104	80 - 120	
THCA	ND	0.0057	19.6	19.2	102	80 - 120	
CBD	ND	0.0057	25.8	24.6	105	80 - 120	
CBDA	ND	0.0057	21.2	21.2	100	80 - 120	

info@lightscale.com

OLCC #010-1003340D344

ORELAP #4112



info@lightscale.com

OLCC #010-1003340D344

ORELAP #4112

Sleep-02

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

Π

Pesticides Sample Da

Sample Data

Sample Type: Tinctures Sample Date: 6/30/2021 Analysis Date: 7/1/2021 Report Date: 7/7/2021 Client ID: PST-XNW ODA: AG-R1058177IHH Metrc Batch ID:

Metrc Sample ID:

Harvest/Process Date: 6/29/2021 Report ID: LS-210707-5 Sample Plan: ZN-ZN-JM-NN_20210630_2B Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

Pesticides Analysis Date: 7/1/2021 Pesticides Batch IDs: PST_070121A_1, PST_070121B_1 **Unit:** µg/g (ppm) **Pass ⊘ Method:** AOAC 2007.01 & EN 15662

Analyte	PNB-XXJ-SSH	FFD-HXX-PWD	Limits	LOQ	Notes	Status
Abamectin	ND	ND	0.5	0.4		Pass
Acephate	ND	ND	0.4	0.2		Pass
Acequinocyl	ND	ND	2.0	0.2		Pass
Acetamiprid	ND	ND	0.2	0.2		Pass
Aldicarb	ND	ND	0.4	0.2		Pass
Azoxystrobin	ND	ND	0.2	0.2		Pass
Bifenazate	ND	ND	0.2	0.2		Pass
Bifenthrin	ND	ND	0.2	0.2		Pass
Boscalid	ND	ND	0.4	0.2		Pass
Carbaryl	ND	ND	0.2	0.2		Pass
Carbofuran	ND	ND	0.2	0.2		Pass
Chlorantraniliprole	ND	ND	0.2	0.2		Pass
Chlorfenapyr	ND	ND	1.0	1.0		Pass
Chlorpyrifos	ND	ND	0.2	0.2		Pass
Clofentezine	ND	ND	0.2	0.2		Pass
Cyfluthrin	ND	ND	1.0	1.0		Pass
Cypermethrin	ND	ND	1.0	1.0		Pass
Daminozide	ND	ND	1.0	0.4		Pass
Diazinon	ND	ND	0.2	0.2		Pass
Dichlorvos (DDVP)	ND	ND	1.0	0.2		Pass
Dimethoate	ND	ND	0.2	0.2		Pass
Ethoprophos	ND	ND	0.2	0.2		Pass
Etofenprox	ND	ND	0.4	0.2		Pass
Etoxazole	ND	ND	0.2	0.2		Pass
Fenoxycarb	ND	ND	0.2	0.2		Pass
Fenpyroximate	ND	ND	0.4	0.2		Pass
Fipronil	ND	ND	0.4	0.2		Pass
Flonicamid	ND	ND	1.0	0.2		Pass
Fludioxonil	ND	ND	0.4	0.4		Pass
Hexythiazox	ND	ND	1.0	0.2		Pass
Imazalil	ND	ND	0.2	0.2		Pass
Imidacloprid	ND	ND	0.4	0.2		Pass
Kresoxim-methyl	ND	ND	0.4	0.4		Pass
Malathion	ND	ND	0.2	0.2		Pass

Analyte	PNB-XXJ-SSH	FFD-HXX-PWD	Limits	LOQ	Notes	Status
Metalaxyl	ND	ND	0.2	0.2		Pass
Methiocarb	ND	ND	0.2	0.2		Pass
Methomyl	ND	ND	0.4	0.2		Pass
Methyl Parathion	ND	ND	0.2	0.2		Pass
MGK-264	ND	ND	0.2	0.2		Pass
Myclobutanil	ND	ND	0.2	0.2		Pass
Naled	ND	ND	0.5	0.4		Pass
Oxamyl	ND	ND	1.0	0.2		Pass
Paclobutrazol	ND	ND	0.4	0.2		Pass
Permethrins	ND	ND	0.2	0.2		Pass
Phosmet	ND	ND	0.2	0.2		Pass
Piperonyl Butoxide	ND	ND	2.0	0.2		Pass
Prallethrin	ND	ND	0.2	0.2		Pass
Propiconazole	ND	ND	0.4	0.2		Pass
Propoxur	ND	ND	0.2	0.2		Pass
Pyrethrins	ND	ND	1.0	1.0		Pass
Pyridaben	ND	ND	0.2	0.2		Pass
Spinosad	ND	ND	0.2	0.2		Pass
Spiromesifen	ND	ND	0.2	0.2		Pass
Spirotetramat	ND	ND	0.2	0.2		Pass
Spiroxamine	ND	ND	0.4	0.2		Pass
Tebuconazole	ND	ND	0.4	0.2		Pass
Thiacloprid	ND	ND	0.2	0.2		Pass
Thiamethoxam	ND	ND	0.2	0.2		Pass
Trifloxystrobin	ND	ND	0.2	0.2		Pass

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106

50 - 150

Sleep-02

Methyl Parathion ND 0.002 0.0106 0.0100

Danodan Hempworks	Sample Type: Tinctures	ODA: AG-R1058177IHH	Harvest/Process Date: 6/29/2021		
6019 NE MLK JR. BLVD.	Sample Date: 6/30/2021	Metrc Batch ID:	Report ID: LS-210707-5		
PORTLAND, OR 97217 (503) 290-4079	Analysis Date: 7/1/2021 Report Date: 7/7/2021 Client ID: PST-XNW	Metrc Sample ID:	Sample Plan: ZN-ZN-JM-NN_20210630_2B Sample Procedure: 160721_LAB- SOP_SampleCollection-v010		
Pesticides		Pesticides QC Analysis Date: 7/1/2021	Unit: μg/g (ppm)		
Quality Control Data		Pesticides Batch ID: PST_070121A_1	Method : AOAC 2007.01 & EN 15662		
Analyte Blank LOQ LCS	LCS Spike LCS Rec (%) Limits (%) Notes	Analyte Blank LOQ LCS LCS S	Spike LCS Rec (%) Limits (%) Notes		

info@lightscale.com

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ORELAP #4112

Sleep-02

Danodan Hempworks 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079 Sample Type: Tinctures Sample Date: 6/30/2021 Analysis Date: 7/1/2021 Report Date: 7/7/2021 Client ID: PST-XNW ODA: AG-R1058177IHH Metrc Batch ID:

Metrc Sample ID:

Harvest/Process Date: 6/29/2021 Report ID: LS-210707-5 Sample Plan: ZN-ZN-JM-NN_20210630_2B Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

Pesticides QC Analysis Date: 7/1/2021 Pesticides Batch ID: PST_070121B_1

Unit: µg/g (ppm) **Method:** AOAC 2007.01 & EN 15662

Pesticides Quality Control Data

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Abamectin	ND	0.002	0.0531	0.0500	106	50 - 150	
Acephate	ND	0.002	0.0506	0.0500	101	50 - 150	
Acequinocyl	ND	0.002	0.0431	0.0500	86.2	50 - 150	
Acetamiprid	ND	0.002	0.0527	0.0500	105	50 - 150	
Aldicarb	ND	0.002	0.0529	0.0500	106	50 - 150	
Azoxystrobin	ND	0.002	0.0412	0.0500	82.4	50 - 150	
Bifenazate	ND	0.002	0.0598	0.0500	120	50 - 150	
Bifenthrin	ND	0.002	0.0464	0.0500	92.9	50 - 150	
Boscalid	ND	0.002	0.0516	0.0500	103	50 - 150	
Carbaryl	ND	0.002	0.0480	0.0500	96.0	50 - 150	
Carbofuran	ND	0.002	0.0536	0.0500	107	50 - 150	
Chlorantraniliprole	ND	0.002	0.0495	0.0500	99.0	50 - 150	
Chlorfenapyr	ND	0.002	0.0453	0.0500	90.5	50 - 150	
Chlorpyrifos	ND	0.002	0.0451	0.0500	90.2	50 - 150	
Clofentezine	ND	0.002	0.0545	0.0500	109	50 - 150	
Cyfluthrin	ND	0.002	0.0424	0.0500	84.9	50 - 150	
Cypermethrin	ND	0.002	0.0543	0.0500	109	50 - 150	
Daminozide	ND	0.002	0.0567	0.0500	113	10 - 150	
Diazinon	ND	0.002	0.0561	0.0500	112	50 - 150	
Dichlorvos (DDVP)	ND	0.002	0.0494	0.0500	98.8	50 - 150	
Dimethoate	ND	0.002	0.0504	0.0500	101	50 - 150	
Ethoprophos	ND	0.002	0.0558	0.0500	112	50 - 150	
Etofenprox	ND	0.002	0.0360	0.0500	71.9	50 - 150	
Etoxazole	ND	0.002	0.0473	0.0500	94.6	50 - 150	
Fenoxycarb	ND	0.002	0.0503	0.0500	101	50 - 150	
Fenpyroximate	ND	0.002	0.0507	0.0500	101	50 - 150	
Fipronil	ND	0.002	0.0534	0.0500	107	50 - 150	
Flonicamid	ND	0.002	0.0481	0.0500	96.2	50 - 150	
Fludioxonil	ND	0.002	0.0514	0.0500	103	50 - 150	
Hexythiazox	ND	0.002	0.0517	0.0500	103	50 - 150	
Imazalil	ND	0.002	0.0574	0.0500	115	50 - 150	
Imidacloprid	ND	0.002	0.0532	0.0500	106	50 - 150	
Kresoxim-methyl	ND	0.002	0.0489	0.0500	97.9	50 - 150	
Malathion	ND	0.002	0.0508	0.0500	102	50 - 150	

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Metalaxyl	ND	0.002	0.0570	0.0500	114	50 - 150	
Methiocarb	ND	0.002	0.0526	0.0500	105	50 - 150	
Methomyl	ND	0.002	0.0548	0.0500	110	50 - 150	
MGK-264	ND	0.002	0.0573	0.0500	115	50 - 150	
Myclobutanil	ND	0.002	0.0529	0.0500	106	50 - 150	
Naled	ND	0.002	0.0521	0.0500	104	50 - 150	
Oxamyl	ND	0.002	0.0520	0.0500	104	50 - 150	
Paclobutrazol	ND	0.002	0.0561	0.0500	112	50 - 150	
Permethrins	ND	0.002	0.0516	0.0500	103	50 - 150	
Phosmet	ND	0.002	0.0455	0.0500	91.0	50 - 150	
Piperonyl Butoxide	ND	0.002	0.0441	0.0500	88.1	50 - 150	
Prallethrin	ND	0.002	0.0559	0.0500	112	50 - 150	
Propiconazole	ND	0.002	0.0540	0.0500	108	50 - 150	
Propoxur	ND	0.002	0.0548	0.0500	110	50 - 150	
Pyrethrins	ND	0.002	0.0512	0.0500	102	50 - 150	
Pyridaben	ND	0.002	0.0456	0.0500	91.2	50 - 150	
Spinosad	ND	0.002	0.0495	0.0500	99.0	50 - 150	
Spiromesifen	ND	0.002	0.0543	0.0500	109	50 - 150	
Spirotetramat	ND	0.002	0.0531	0.0500	106	50 - 150	
Spiroxamine	ND	0.002	0.0566	0.0500	113	50 - 150	
Tebuconazole	ND	0.002	0.0543	0.0500	109	50 - 150	
Thiacloprid	ND	0.002	0.0423	0.0500	84.6	50 - 150	
Thiamethoxam	ND	0.002	0.0524	0.0500	105	50 - 150	
Trifloxystrobin	ND	0.002	0.0506	0.0500	101	50 - 150	

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Sample Type: Tinctures

Sample Date: 6/30/2021

Analysis Date: 7/1/2021

Report Date: 7/7/2021

Client ID: PST-XNW

info@lightscale.com

OLCC #010-1003340D344

ORELAP #4112

Sleep-02

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

Residual Solvents Sample Data

Solvents Analysis Date: 7/2/2021

ODA: AG-R1058177IHH

Metrc Batch ID:

Metrc Sample ID:

SOP_SampleCollection-v010
Method: EPA 5021A

Harvest/Process Date: 6/29/2021 Report ID: LS-210707-5

Sample Procedure: 160721_LAB-

Sample Plan: ZN-ZN-JM-NN_20210630_2B

Pass 🥪

Solvents Batch ID: RES_070121A

Unit: µg/g (ppm)

Analyte	PNB-XXJ-SSH	FFD-HXX-PWD	RPD (%)	Limits	LOQ	Notes	Status
1,4-Dioxane	ND	ND	0.00	380.0	50.0		Pass
2-Butanol	ND	ND	0.00	5000.0	250.0		Pass
2-Ethoxyethanol	ND	ND	0.00	160.0	50.0		Pass
Acetone	<l0q< td=""><td>ND</td><td>0.00</td><td>5000.0</td><td>250.0</td><td></td><td>Pass</td></l0q<>	ND	0.00	5000.0	250.0		Pass
Acetonitrile	ND	ND	0.00	410.0	50.0		Pass
Benzene	ND	ND	0.00	2.0	2.0		Pass
Butanes	ND	ND	0.00	5000.0	250.0		Pass
Cumene	ND	ND	0.00	70.0	50.0		Pass
Cyclohexane	ND	ND	0.00	3880.0	50.0		Pass
Ethyl Acetate	<l0q< td=""><td><l0q< td=""><td>0.00</td><td>5000.0</td><td>250.0</td><td></td><td>Pass</td></l0q<></td></l0q<>	<l0q< td=""><td>0.00</td><td>5000.0</td><td>250.0</td><td></td><td>Pass</td></l0q<>	0.00	5000.0	250.0		Pass
Ethyl Ether	ND	ND	0.00	5000.0	250.0		Pass
Ethylene Glycol	ND	ND	0.00	620.0	250.0		Pass
Ethylene Oxide	ND	ND	0.00	50.0	50.0		Pass
Heptane	ND	ND	0.00	5000.0	250.0		Pass
Hexanes	ND	ND	0.00	290.0	50.0		Pass
Isopropanol (2-Propanol)	ND	ND	0.00	5000.0	50.0		Pass
Isopropyl Acetate	ND	ND	0.00	5000.0	250.0		Pass
Methanol	<l0q< td=""><td><l0q< td=""><td>0.00</td><td>3000.0</td><td>250.0</td><td></td><td>Pass</td></l0q<></td></l0q<>	<l0q< td=""><td>0.00</td><td>3000.0</td><td>250.0</td><td></td><td>Pass</td></l0q<>	0.00	3000.0	250.0		Pass
Dichloromethane	ND	ND	0.00	600.0	50.0		Pass
Pentanes	ND	ND	0.00	5000.0	250.0		Pass
Propane	ND	ND	0.00	5000.0	250.0		Pass
Tetrahydrofuran	ND	ND	0.00	720.0	50.0		Pass
Toluene	ND	ND	0.00	890.0	50.0		Pass
Xylenes	ND	ND	0.00	2170.0	50.0		Pass



Sample Type: Tinctures

Sample Date: 6/30/2021

Analysis Date: 7/1/2021

Report Date: 7/7/2021

Client ID: PST-XNW

info@lightscale.com

OLCC #010-1003340D344

ORELAP #4112

Sleep-02

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

0

Residual Solvents Quality Control Data

ODA: AG-R10581771HH Metrc Batch ID:

Metrc Sample ID:

Solvents QC Analysis Date: 7/2/2021 Solvents QC Batch ID: RES_070121A Method: EPA 5021A Unit: μg/g (ppm)

Harvest/Process Date: 6/29/2021 Report ID: LS-210707-5

Sample Procedure: 160721_LAB-

SOP_SampleCollection-v010

Sample Plan: ZN-ZN-JM-NN_20210630_2B

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
1,4-Dioxane	ND	50.0	1130	1000	113	70 - 130	
2-Butanol	ND	250.0	1010	1000	101	70 - 130	
2-Ethoxyethanol	ND	50.0	1090	1000	109	70 - 130	
Acetone	ND	250.0	1150	1000	115	70 - 130	
Acetonitrile	<l0q< td=""><td>50.0</td><td>1040</td><td>1000</td><td>104</td><td>70 - 130</td><td></td></l0q<>	50.0	1040	1000	104	70 - 130	
Benzene	ND	2.0	22.8	20.0	114	70 - 130	
Butanes	ND	250.0	1930	2000	96.6	70 - 130	
Cumene	ND	50.0	1220	1000	122	70 - 130	
Cyclohexane	ND	50.0	1090	1000	109	70 - 130	
Ethyl Acetate	ND	250.0	1020	1000	102	70 - 130	
Ethyl Ether	ND	250.0	1110	1000	111	70 - 130	
Ethylene Glycol	ND	250.0	1090	1000	109	70 - 130	
Ethylene Oxide	ND	50.0	1050	1000	105	70 - 130	
Heptane	ND	250.0	957	1000	95.7	70 - 130	
Hexanes	ND	50.0	5480	5000	110	70 - 130	
Isopropanol (2-Propanol)	<l0q< td=""><td>50.0</td><td>1050</td><td>1000</td><td>105</td><td>70 - 130</td><td></td></l0q<>	50.0	1050	1000	105	70 - 130	
Isopropyl Acetate	ND	250.0	1020	1000	102	70 - 130	
Methanol	<l0q< td=""><td>250.0</td><td>1080</td><td>1000</td><td>108</td><td>70 - 130</td><td></td></l0q<>	250.0	1080	1000	108	70 - 130	
Dichloromethane	ND	50.0	1110	1000	111	70 - 130	
Pentanes	ND	250.0	3380	3000	113	70 - 130	
Propane	ND	250.0	712	1000	71.2	70 - 130	
Tetrahydrofuran	ND	50.0	1000	1000	100	70 - 130	
Toluene	ND	50.0	1120	1000	112	70 - 130	
Xylenes	ND	50.0	4590	4000	115	70 - 130	



Sleep-02

Danodan Hempworks 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079 Sample Type: Tinctures Sample Date: 6/30/2021 Analysis Date: 7/1/2021 Report Date: 7/7/2021 Client ID: PST-XNW ODA: AG-R1058177IHH Metrc Batch ID:

Metrc Sample ID:

Harvest/Process Date: 6/29/2021 Report ID: LS-210707-5 Sample Plan: ZN-ZN-JM-NN_20210630_2B Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

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)

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ORELAP #4112 OLCC #010-1003340D344

- 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