

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-191204-28	
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 my/		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 8.368 ND ND 8.443 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 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 Cannabidioli 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 Cannabidiolic acid Delta-8 Tetrahydrocannabino Tetrahydrocannabivarin+ Cannabigerol* Cannabiderolic acid* Cannabideronenet Cannabichromenet Cannabichromenet 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 acid Delta-8 Tetrahydrocannabinol Tetrahydrocannabion Tetrahydrocannabion Cannabigerolic acid+ Cannabichromenet	01 0.28 0.28 0.28 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 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 Tetrahydrocannabinol Tetrahydrocannabinol Cannabigerolic acid Cannabigerolic acid Cannabigerolic acid Cannabichromenic acid	hin limits	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 0.586 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 4.00 0.972 16.5 18.5 3/2019 3/2019	-		P
Analyte ASTRC ASTRC CBD CBDA ASTRC CBCA CBCA CBCA CBCA CBCA CBCA CBCA CB	Delta-9 Tetrahydrocannabinolic acid Cannabidiol Cannabidiolic acid Delta-8 Tetrahydrocannabinol Tetrahydrocannabinol Cannabigerolic acid Cannabigerolic acid Cannabigerolic acid Cannabichromenic acid	1 0.28 1 0.28 0.2	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 0.586 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 4.00 0.972 16.5 18.5 3/2019 3/2019	-		



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	0.1	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 sector	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	ZJH-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



 2535 N Ross Ave
 info@lightscale.com

 Portland, OR 97227
 ORELAP #4112

 (503) 493-2535
 OLCC #010-1003340D344

"Enhanced" Shot-15-20

Danodan Hempworks AG-R10581771HH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079

Potency

Potency Analysis Date: 2/3/2022 Potency Batch ID:CAN_020322C Potency Method: JAOAC 2015.1 Harvest/Process Date: 1/27/2022 Sample Date: 2/1/2022 Analysis Date: 2/3/2022 Report Date: 2/9/2022 Report ID: LS-220209-54 Client Batch ID: "Enhanced" Shot-15-20 Metrc Batch ID:

Metrc Sample ID:

Sample Type: Tinctures Sample Plan: WW-MG-FC-ZT_20220201_4D Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

L S - 2 2 0 2 0 9 - 5 4

Unit Potency: 30 ml retail unit 1.02 mg THC per 2.0 ml serving 30.32 mg CBD per 2.0 ml serving

15.1	mg/	mL
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Total CBD 1.39%

Total THC 0.0469%

0.511 mg/mL

Samples: JNJ-MTP-JZC, HNS-RZM-BTP

Analyte	Description	LOQ	RPD (%)	Min.	Max.	Avg.	
Δ9THC	Delta-9 Tetrahydrocannabinol	0.011	3.84	0.501	0.521	0.511	-
THCA	Tetrahydrocannabinolic acid	0.011	0.00	ND	ND	ND	_
CBD	Cannabidiol	0.011	3.50	14.7	15.2	15.0	_
CBDA	Cannabidiolic acid	0.011	2.72	0.197	0.203	0.200	•
∆8THC	Delta-8 Tetrahydrocannabinol*	0.011	0.00	ND	ND	ND	_
THCV	Tetrahydrocannabivarin*	0.011	0.00	ND	ND	ND	_
CBG	Cannabigerol*	0.011	5.27	0.382	0.403	0.393	-
CBGA	Cannabigerolic acid*	0.011	0.00	ND	ND	ND	_
CBC	Cannabichromene*	0.011	7.82	0.589	0.637	0.613	-
CBCA	Cannabichromenic acid*	0.011	0.00	ND	ND	ND	_
CBN	Cannabinol*	0.011	6.45	0.0163	0.0174	0.0169	•
Total THC	Δ9THC + (THCA × 0.877)		3.84	0.501	0.521	0.511	-
Total CBD	CBD + (CBDA × 0.877)		3.49	14.9	15.5	15.1	_
Total			3.71	16.4	17.0	16.8	

Compliance

SolventsWithin limitsAnalysis Date: 2/8/2022	Pass 🛇
Potency Within limits Analysis Date: 2/3/2022	Pass 🔗





Man Max / sayen

Lightscale Labs is accredited by ORELAP (Lab #4112) for analysis in compliance with OAR 333-064 and OAR 333-007. 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.



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

"Enhanced" Shot-15-20

Danodan Hempworks AG-R10581771HH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079 Harvest/Process Date: 1/27/2022 Sample Date: 2/1/2022 Analysis Date: 2/3/2022 Report Date: 2/9/2022 Report ID: LS-220209-54 Client Batch ID: "Enhanced" Shot-15-20 Metrc Batch ID:

Metrc Sample ID:

Potency QC Analysis Date: 2/3/2022 Potency QC Batch ID: CAN_020322C Sample Type: Tinctures Sample Plan: WW-MG-FC-ZT_20220201_4D Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

Method: JAOAC 2015.1

Unit: µg/g (ppm)

Potency Quality Control Data

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
∆9THC	ND	0.011	21.4	21.0	102	80 - 120	
THCA	ND	0.011	20.7	21.4	96.6	80 - 120	
CBD	ND	0.011	22.9	23.0	99.4	80 - 120	
CBDA	ND	0.011	18.1	19.5	92.8	80 - 120	

POTENCY - LIMIT OF DETECTION

Verified: 060221

Method: 160819_LAB-SOP_MethodValidation-CannabinoidPotency-v002.docx

Matrix	Analyte	LOD (ppm)	LOD (mg/g)
EXTRACT	∆9THC	2.8	0.0028
	THCA	0.56	0.00056
	CBD	2.22	0.00222
	CBDA	0.52	0.00052
FLOWER	Δ9THC	1.88	0.00188
	THCA	5.32	0.00532
	CBD	1.31	0.00131
	CBDA	0.78	0.00078



2535 N Ross Ave Portland, OR 97227 ORELAP #4112 (503) 493-2535

info@lightscale.com

OLCC #010-1003340D344

"Enhanced" Shot-15-20

Danodan Hempworks

AG-R1058177IHH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079



Pesticides Sample Data Harvest/Process Date: 1/27/2022 Sample Date: 2/1/2022 Analysis Date: 2/3/2022 Report Date: 2/9/2022 Report ID: LS-220209-54

Client Batch ID: "Enhanced" Shot-15-20 Metrc Batch ID:

Metrc Sample ID:

Pesticides Analysis Date: 2/8/2022 Pesticides Batch IDs: PST_020722B_2, PST_020722A_2

Sample Type: Tinctures Sample Plan: WW-MG-FC-ZT_20220201_4D Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

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

						
Analyte Abamectin	JNJ-MTP-JZC	HNS-RZM-BTP	Limits	LOQ 0.4	Notes	Status
	ND	ND	0.5	0.4		Pass
Acephate						
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	JNJ-MTP-JZC	HNS-RZM-BTP	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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 2535 N Ross Ave
 info@lightscale.com

 Portland, OR 97227
 ORELAP #4112

 (503) 493-2535
 OLCC #010-1003340D344

"Enhanced" Shot-15-20

Danodan Hempworks AG-R1058177IHH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079 Harvest/Process Date: 1/27/2022 Sample Date: 2/1/2022 Analysis Date: 2/3/2022 Report Date: 2/9/2022 Report ID: LS-220209-54



 Analyte
 Blank
 LOQ
 LCS
 LCS Spike
 LCS Rec (%)
 Limits (%)
 Notes

 Methyl Parathion
 ND
 0.002
 0.0511
 0.0500
 102
 50 - 150

Client Batch ID: "Enhanced" Shot-15-20 Metrc Batch ID: Metrc Sample ID:

Pesticides QC Analysis Date: 2/8/2022 Pesticides Batch ID: PST_020722A_2 Sample Plan: WW-MG-FC-ZT_20220201_4D Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

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

Sample Type: Tinctures

Analyte Blank LOQ LCS LCS Spike LCS Rec (%) Limits (%) Notes



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info@lightscale.com

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"Enhanced" Shot-15-20

Danodan Hempworks AG-R1058177IHH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079

Harvest/Process Date: 1/27/2022 Sample Date: 2/1/2022 Analysis Date: 2/3/2022 Report Date: 2/9/2022 Report ID: LS-220209-54

Client Batch ID: "Enhanced" Shot-15-20 Metrc Batch ID:

Metrc Sample ID:

Pesticides QC Analysis Date: 2/8/2022 Pesticides Batch ID: PST_020722B_2

Sample Type: Tinctures Sample Plan: WW-MG-FC-ZT_20220201_4D Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

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

Pesticides IJ Quality Control Data

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Abamectin	ND	0.002	0.0523	0.0500	105	50 - 150	
Acephate	ND	0.002	0.0630	0.0500	126	50 - 150	
Acequinocyl	ND	0.002	0.0583	0.0500	117	50 - 150	
Acetamiprid	ND	0.002	0.0527	0.0500	105	50 - 150	
Aldicarb	ND	0.002	0.0521	0.0500	104	50 - 150	
Azoxystrobin	ND	0.002	0.0528	0.0500	106	50 - 150	
Bifenazate	ND	0.002	0.0609	0.0500	122	50 - 150	
Bifenthrin	ND	0.002	0.0581	0.0500	116	50 - 150	
Boscalid	ND	0.002	0.0524	0.0500	105	50 - 150	
Carbaryl	ND	0.002	0.0429	0.0500	85.8	50 - 150	
Carbofuran	ND	0.002	0.0536	0.0500	107	50 - 150	
Chlorantraniliprole	ND	0.002	0.0486	0.0500	97.1	50 - 150	
Chlorfenapyr	ND	0.002	0.0529	0.0500	106	50 - 150	
Chlorpyrifos	ND	0.002	0.0534	0.0500	107	50 - 150	
Clofentezine	ND	0.002	0.0541	0.0500	108	50 - 150	
Cyfluthrin	ND	0.002	0.0474	0.0500	94.7	50 - 150	
Cypermethrin	ND	0.002	0.0509	0.0500	102	50 - 150	
Daminozide	ND	0.002	0.0339	0.0500	67.8	50 - 150	
Diazinon	ND	0.002	0.0544	0.0500	109	50 - 150	
Dichlorvos (DDVP)	ND	0.002	0.0439	0.0500	87.8	50 - 150	
Dimethoate	ND	0.002	0.0507	0.0500	101	50 - 150	
Ethoprophos	ND	0.002	0.0617	0.0500	123	50 - 150	
Etofenprox	ND	0.002	0.0497	0.0500	99.4	50 - 150	
Etoxazole	ND	0.002	0.0432	0.0500	86.5	50 - 150	
Fenoxycarb	ND	0.002	0.0475	0.0500	95.0	50 - 150	
Fenpyroximate	ND	0.002	0.0479	0.0500	95.8	50 - 150	
Fipronil	ND	0.002	0.0443	0.0500	88.5	50 - 150	
Flonicamid	ND	0.002	0.0447	0.0500	89.4	50 - 150	
Fludioxonil	ND	0.002	0.0460	0.0500	92.0	50 - 150	
Hexythiazox	ND	0.002	0.0693	0.0500	139	50 - 150	
Imazalil	ND	0.002	0.0498	0.0500	99.6	50 - 150	
Imidacloprid	ND	0.002	0.0553	0.0500	111	50 - 150	
Kresoxim-methyl	ND	0.002	0.0530	0.0500	106	50 - 150	
Malathion	ND	0.002	0.0544	0.0500	109	50 - 150	

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)
Metalaxyl	ND	0.002	0.0507	0.0500	101	50 - 150
Methiocarb	ND	0.002	0.0498	0.0500	99.6	50 - 150
Methomyl	ND	0.002	0.0460	0.0500	91.9	50 - 150
MGK-264	ND	0.002	0.0499	0.0500	99.8	50 - 150
Myclobutanil	ND	0.002	0.0509	0.0500	102	50 - 150
Naled	ND	0.002	0.0472	0.0500	94.5	50 - 150
Oxamyl	ND	0.002	0.0517	0.0500	103	50 - 150
Paclobutrazol	ND	0.002	0.0516	0.0500	103	50 - 150
Permethrins	ND	0.002	0.0477	0.0500	95.4	50 - 150
Phosmet	ND	0.002	0.0483	0.0500	96.6	50 - 150
Piperonyl Butoxide	ND	0.002	0.0514	0.0500	103	50 - 150
Prallethrin	ND	0.002	0.0490	0.0500	97.9	50 - 150
Propiconazole	ND	0.002	0.0506	0.0500	101	50 - 150
Propoxur	ND	0.002	0.0494	0.0500	98.8	50 - 150
Pyrethrins	ND	0.002	0.0453	0.0500	90.5	50 - 150
Pyridaben	ND	0.002	0.0485	0.0500	97.1	50 - 150
Spinosad	ND	0.002	0.0469	0.0500	93.8	50 - 150
Spiromesifen	ND	0.002	0.0534	0.0500	107	50 - 150
Spirotetramat	ND	0.002	0.0583	0.0500	117	50 - 150
Spiroxamine	ND	0.002	0.0653	0.0500	131	50 - 150
Tebuconazole	ND	0.002	0.0668	0.0500	134	50 - 150
Thiacloprid	ND	0.002	0.0736	0.0500	147	50 - 150
Thiamethoxam	ND	0.002	0.0569	0.0500	114	50 - 150
Trifloxystrobin	ND	0.002	0.0525	0.0500	105	50 - 150

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Notes



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"Enhanced" Shot-15-20

Danodan Hempworks

AG-R1058177IHH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079

0



Sample Data

Harvest/Process Date: 1/27/2022 Sample Date: 2/1/2022 Analysis Date: 2/3/2022 Report Date: 2/9/2022 Report ID: LS-220209-54

Client Batch ID: "Enhanced" Shot-15-20 Metrc Batch ID:

Metrc Sample ID:

Solvents Batch ID: RES_020722A

Sample Type: Tinctures Sample Plan: WW-MG-FC-ZT_20220201_4D Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

Solvents Analysis Date: 2/8/2022

Method: EPA 5021A Pass 🥥 Unit: µg/g (ppm)

Analyte	JNJ-MTP-JZC	HNS-RZM-BTP	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	50.0		Pass
2-Ethoxyethanol	ND	ND	0.00	160.0	50.0		Pass
Acetone	ND	ND	0.00	5000.0	50.0		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	50.0		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>50.0</td><td></td><td>Pass</td></l0q<></td></l0q<>	<l0q< td=""><td>0.00</td><td>5000.0</td><td>50.0</td><td></td><td>Pass</td></l0q<>	0.00	5000.0	50.0		Pass
Ethyl Ether	ND	ND	0.00	5000.0	50.0		Pass
Ethylbenzene	ND	ND	0.00	2170.0	50.0		Pass
Ethylene Glycol	ND	ND	0.00	620.0	50.0		Pass
Ethylene Oxide	ND	ND	0.00	50.0	50.0		Pass
Heptane	ND	ND	0.00	5000.0	50.0		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	50.0		Pass
Methanol	<l0q< td=""><td>ND</td><td>0.00</td><td>3000.0</td><td>50.0</td><td></td><td>Pass</td></l0q<>	ND	0.00	3000.0	50.0		Pass
Dichloromethane	ND	ND	0.00	600.0	50.0		Pass
Pentanes	ND	ND	0.00	5000.0	50.0		Pass
Propane	ND	ND	0.00	5000.0	50.0		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



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Harvest/Process Date: 1/27/2022

Sample Date: 2/1/2022

Analysis Date: 2/3/2022

Report Date: 2/9/2022

Report ID: LS-220209-54

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"Enhanced" Shot-15-20

Danodan Hempworks AG-R1058177IHH

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

0



Quality Control Data

Client Batch ID: "Enhanced" Shot-15-20 Metrc Batch ID:

Metrc Sample ID:

Solvents QC Analysis Date: 2/8/2022 Solvents QC Batch ID: RES_020722A

Sample Type: Tinctures Sample Plan: WW-MG-FC-ZT_20220201_4D Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

Method: EPA 5021A Unit: µg/g (ppm)

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
1,4-Dioxane	ND	50.0	1120	1000	112	70 - 130	
2-Butanol	ND	50.0	1080	1000	108	70 - 130	
2-Ethoxyethanol	ND	50.0	1040	1000	104	70 - 130	
Acetone	ND	50.0	1090	1000	109	70 - 130	
Acetonitrile	ND	50.0	1110	1000	111	70 - 130	
Benzene	ND	2.0	20.8	20.0	104	70 - 130	
Butanes	ND	50.0	2050	2000	103	70 - 130	
Cumene	ND	50.0	1110	1000	111	70 - 130	
Cyclohexane	ND	50.0	1070	1000	107	70 - 130	
Ethyl Acetate	ND	50.0	1110	1000	111	70 - 130	
Ethyl Ether	ND	50.0	1060	1000	106	70 - 130	
Ethylbenzene	ND	50.0	1120	1000	112	70 - 130	
Ethylene Glycol	ND	50.0	1040	1000	104	70 - 130	
Ethylene Oxide	ND	50.0	1080	1000	108	70 - 130	
Heptane	ND	50.0	1100	1000	110	70 - 130	
Hexanes	ND	50.0	4310	5000	86.2	70 - 130	
Isopropanol (2-Propanol)	ND	50.0	1090	1000	109	70 - 130	
Isopropyl Acetate	ND	50.0	1100	1000	110	70 - 130	
Methanol	<l0q< th=""><th>50.0</th><th>1070</th><th>1000</th><th>107</th><th>70 - 130</th><th></th></l0q<>	50.0	1070	1000	107	70 - 130	
Dichloromethane	ND	50.0	1080	1000	108	70 - 130	
Pentanes	ND	50.0	3140	3000	105	70 - 130	
Propane	ND	50.0	996	1000	99.6	70 - 130	
Tetrahydrofuran	ND	50.0	1110	1000	111	70 - 130	
Toluene	ND	50.0	1110	1000	111	70 - 130	
Xylenes	ND	50.0	4450	4000	111	70 - 130	



 2535 N Ross Ave
 info@lightscale.com

 Portland, OR 97227
 ORELAP #4112

 (503) 493-2535
 OLCC #010-1003340

(503) 493-2535 OLCC #010-1003340D344

"Enhanced" Shot-15-20

Danodan Hempworks AG-R10581771HH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079 Harvest/Process Date: 1/27/2022 Sample Date: 2/1/2022 Analysis Date: 2/3/2022 Report Date: 2/9/2022 Report ID: LS-220209-54 Client Batch ID: "Enhanced" Shot-15-20 Metrc Batch ID:

Metrc Sample ID:

Sample Type: Tinctures Sample Plan: WW-MG-FC-ZT_20220201_4D 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)
- 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