

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.

CL		10							
5n	ot-15-1								
Danodan Hemp	works Sa	ample Type: Tincture	15	Met	rc Batch ID:			Harvest/Proces	s Date: 11/25/2019
(503) 290-4079	Ar	ample Date: 12/2/20 nalysis Date: 12/3/20 eport Date: 12/9/201	19	Met	rc Sample ID:			Report ID: LS-1912	04-28
Potency	,								
Potency Analys	is Date: 12/3/2019							-	
	D: CAN_120319C d: JAOAC 2015.1						/		
						-	1-		
16	5 mg/ı		TotalCBD		1				
10.	5 ma /I	mL.	1.51%		6				
					10.		100		
_					100				
00	72 mg/		Total THC						
U.3	/ Z mq/	mL	0.0892%		1 A				
					1				
Samples: ZJH-PD	F-PFD, TTT-GNB-SHT nL								
Density = 1.09 g/r									
Density = 1.09 g/r								and the second second	
								and the second	-
Analyte	Description	LOQ	RPD (%)	Min.	Max.	Avg.		a ser	Unit: r
Analyte A9THC	Description Delta-9 Tetrahydrocannabir	nol 0.28	5.05	0.947	0.996	Avg. 8.972	2	1	Unit: r
Analyte A9THC THCA	Description Delta-9 Tetrahydrocannabir Tetrahydrocannabinolic aci	nol 0.28 id 0.28	5.05	0.947 ND	0.996 ND	Avg. 8.072 ND	-	1	Unit: r
Analyte A9THC THCA CBD	Description Delta-9 Tetrahydrocannabir Tetrahydrocannabinolic aci Cannabidiol	nol 0.28 id 0.28 0.28	5.05 0.00 0.534	0.947 ND 16.1	0.996 ND 16.2	16.1	2	-	Unit: r
Analyte A9THC THCA CBD CBDA	Description Delta-9 Tetrahydrocannabin Tetrahydrocannabinolic act Cannabidiol Cannabidiolic acid	nol 0.28 id 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		2	2	Unit: r
Analyte A9THC THCA CBD	Description Delta-9 Tetrahydrocannabir Tetrahydrocannabinolic aci Cannabidiol	nol 0.28 id 0.28 0.28 0.28	5.05 0.00 0.534	0.947 ND 16.1	0.996 ND 16.2	16.1	-	-	Unit: r
Analyte A9THC THCA CBD CBDA	Description Delta-9 Tetrahydrocannabin Tetrahydrocannabinolic act Cannabidiol Cannabidiolic acid	nol 0.28 id 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	2	-	Unit: r
Analyte A9THC THCA CBD CBDA ASTHC	Description Delta-9 Tetrahydrocannabir Tetrahydrocannabinolic act Cannabidiol Cannabidiolic actd Delta-8 Tetrahydrocannabir	nol 0.28 id 0.28 0.28 0.28 nol* 0.28	5.85 0.80 0.534 4.24 0.80	0.947 ND 16.1 0.352 ND	0.996 ND 16.2 0.367 ND	16.1 0.360 ND	2		Unit: r
Analyte A9THC THCA CBD CBDA A&THC THCV	Description Delta-9 Tetrahydrocannabin Tetrahydrocannabinolic aci Cannabidol Cannabidolic acid Delta-B Tetrahydrocannabir Tetrahydrocannabivarin*	nol 0.28 10 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: n
Analyte A9THC THCA CBD CBDA A&THC THCV CBG	Description Delta-5 Tetrahydrocannabir Tetrahydrocannabinolic aci Cannabidiol Cannabidiolic acid Delta-8 Tetrahydrocannabir Tetrahydrocannabirarin* Cannabigerol*	nol 0.28 id 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 A8THC THCV CBG CBGA	Description Delta-9 Tetrahydrocannabin Tetrahydrocannabinolic aci Cannabidiol Cannabidiolic acid Delta-8 Tetrahydrocannabivarin* Cannabigerol+ Cannabigerol+	nol 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: r
Analyte A9THC THCA CBD CBDA A8THC THCV CBG CBGA CBC	Description Delta-9 Tetrahydrocannabir Tetrahydrocannabinolic aci Cannabidiolic acid Delta-8 Tetrahydrocannabir Tetrahydrocannabivarin* Cannabigerolic acid* Cannabigerolic acid*	nol 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: r
Analyte A9THC THCA CBD CBDA A8THC CBGA CBGA CBCA	Description Delta-9 Tetrahydrocannabir Tetrahydrocannabinlic aci Cannabidol Cannabidolic acid Delta-8 Tetrahydrocannabir Tetrahydrocannabivarin* Cannabigerol* Cannabigerola acid*	nol 8.28 id 6.28 6.28 0.28 8.28 8.28 8.28 8.28 8.28 8.28 8	5.05 0.00 0.534 4.24 0.00 0.00 0.493 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: r
Analyte A9THC CBD CBDA A8THC CBG CBGA CBC CBCA CBC CBN	Description Deltes Tetrahydrocannabir Tetrahydrocannabirolic aci Cannabidiol Cannabidiolic acid Deltes Tetrahydrocannabir Tetrahydrocannabirari Cannabigerol: Cannabichromenei Cannabichromenei acid* Cannabichromeni acid*	nol 8.28 id 6.28 6.28 0.28 8.28 8.28 8.28 8.28 8.28 8.28 8	5.05 0.00 0.534 4.24 0.00 0.00 0.493 0.00 4.72 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: r</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: r</td></loq<></td></loq<>	16.1 9.360 ND 9.443 ND 9.601 ND <loq< td=""><td>-</td><td></td><td>Unit: r</td></loq<>	-		Unit: r
Analyte A9THC CBD CBDA CBDA CBDA CBDA CBDA CBDA CBDA	Description Delta-5 Tetrahydrocannabin Tetrahydrocannabinolic ac: Cannabidol Cannabidolic acid Delta-8 Tetrahydrocannabivarin* Cannabigerol* Cannabigerol* Cannabigerol* Cannabichromente Cannabi	nol 8.28 id 6.28 6.28 0.28 8.28 8.28 8.28 8.28 8.28 8.28 8	5.05 0.00 0.534 4.24 0.00 0.00 0.493 0.00 4.72 0.00 4.72 0.00 0.00 5.05 0.605	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 16.5</loq 	16.1 8.360 ND 0.443 ND 0.601 ND <loq 8.972 16.5</loq 	-		Unit: r
Analyte ASTIC CBD CBDA ASTIC CBDA ASTIC CBC CBGA CBC CBGA CBC CBCA CBN Total THC	Description Delta-5 Tetrahydrocannabin Tetrahydrocannabinolic ac: Cannabidol Cannabidolic acid Delta-8 Tetrahydrocannabivarin* Cannabigerol* Cannabigerol* Cannabigerol* Cannabichromente Cannabi	nol 8.28 id 6.28 6.28 0.28 8.28 8.28 8.28 8.28 8.28 8.28 8	5.05 0.00 0.534 4.24 0.00 0.00 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 16.4</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 n
Analyte ASTHC CBD CBD CBDA ASTHC CBDA CBDA CBGA CBCA CBCA CBCA CBCA CBN Total THC Total CBD	Description Delta-5 Tetrahydrocannabin Tetrahydrocannabinolic aci Cannabidioli Cannabidiolic acid Delta-5 Tetrahydrocannabivarine Cannabigerole Cannabigerole Cannabichromente C	nol 8.28 id 6.28 6.28 0.28 8.28 8.28 8.28 8.28 8.28 8.28 8	5.05 0.00 0.534 4.24 0.00 0.00 0.493 0.00 4.72 0.00 4.72 0.00 0.00 5.05 0.605	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 CED CEDA ASTHC CEGA ASTHC CEGA CEGA CEGA CEGA CEGA CEGA CEGA CEG	Description Deltes Tetrahydrocanabir Tetrahydrocanabirolic act Cannabidol Deltes Tetrahydrocanabir Cannabidolic actd Deltes Tetrahydrocanabir Cannabigerole Cannabichromenet Cannabichromenet Cannabichromenet Cannabichromenet Cannabichromenet Cannabirol A9THC + (THCA × 0.877) CBD + (CBDA × 0.877)	nol 0.28 id 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 4.72 0.00 0.00 5.05 0.605	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 8.369 ND 0.443 ND 0.601 ND <loq 0.972 16.5 18.5</loq 	-		
Analyte ASTHC CBD CBD CBDA ASTHC CBDA CBDA CBGA CBCA CBCA CBCA CBCA CBN Total THC Total CBD	Description Deltes Tetrahydrocanabir Tetrahydrocanabirolic act Cannabidol Deltes Tetrahydrocanabir Cannabidolic actd Deltes Tetrahydrocanabir Cannabigerole Cannabichromenet Cannabichromenet Cannabichromenet Cannabichromenet Cannabichromenet Cannabirol A9THC + (THCA × 0.877) CBD + (CBDA × 0.877)	nol 8.28 id 6.28 6.28 0.28 8.28 8.28 8.28 8.28 8.28 8.28 8	5.05 0.00 0.534 4.24 0.00 0.00 0.493 0.00 4.72 0.00 4.72 0.00 0.00 5.05 0.605	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: n
Analyte ASTHC CED CEDA ASTHC CEGA ASTHC CEGA CEGA CEGA CEGA CEGA CEGA CEGA CEG	Description Pellea Tetrahydrocanabir Tetrahydrocanabirolic act Cannabidol Cannabidolic actd Delta B Tetrahydrocanabivarine Cannabigerole Cannabigerole actd* Cannabichromenet Cannabich	nol 0.28 id 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 4.72 0.00 0.00 5.05 0.605	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 	-		 Pa
Analyte ASTRC CBD CBDA ASTRC CBGA CBGA CBGA CBGA CBGC CBGA CBGC CBGA CBGC CBGA CBGC Total TRC Total CBD Total Pesticides	Description Delta-5 Tetrahydrocannabir Tetrahydrocannabirolic aci Cannabidiol Cannabidiol Cannabidiolic acid Delta-8 Tetrahydrocannabivaria Cannabigerolic acid* Cannabichromente Cannabichroment	nol 0.28 1d 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 4.72 0.00 0.00 5.05 0.605	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	-		Pa
Analyte ASTRC CBD CBDA ASTRC CBCA CBCA CBCA CBCA CBCA CBCA CBCA CB	Description Delta 5 Tetrahydrocannabir Tetrahydrocannabirolic ac: Cannabidol Cannabidol Cannabidolic acid Delta 5 Tetrahydrocannabir Tetrahydrocannabivarine Cannabigerol: Cannabigerol: Cannabichromente acid* Cannabichromente acid	no1 0.28 1d 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 4.72 0.00 0.00 5.05 0.605	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	-		Pa
Analyte ASTRC CBD CBDA ASTRC CBCA CBCA CBCA CBCA CBCA CBCA CBCA CB	Description Delta-5 Tetrahydrocannabir Tetrahydrocannabirolic aci Cannabidiol Cannabidiol Cannabidiolic acid Delta-8 Tetrahydrocannabivaria Cannabigerolic acid* Cannabichromente Cannabichroment	no1 0.28 1d 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 4.72 0.00 0.00 5.05 0.605	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.

Danodan Hempworks		Sample Analysi	Type: Ti Date: 12; Date: 13 Date: 12/	(2/2019 /3/2019		Metrc Batch ID: Metrc Sample ID:		Report	ID:	04-28	19		_
Pesticides						Pesticides Analysis Date Pesticides Batch ID: PST.)		Method	1: EN 156 2/9 (ppr	62	Pass 😔	L	
Sample Da	ZIH-PDF-PFD 1		Limite	100 Notes	Flater	Acalyte	THE BOX BED	TTT-GNB-SHT	1 incides	100 Notes	Status	25/2019	
banectin	ND	ND		0.1	Pass	Metalaxyl	ND	ND	0.2	0.1	Pass	8	
cephate	ND	ND	0.4	0.1	Pass	Methiocarb	ND	ND	0.2	0.1	Pass		
cequinocyl	ND	ND	2.0	1.5	Pass	Methomyl	ND	ND	0.4	0.1	Pass		
etamiprid Idicarb	ND	ND	0.2	0.1	Pass	Methyl Parathion	ND	ND	0.2	0.2 0.2	Pass		
ldicarb toxystrobin	ND ND	ND ND	0.4	0.1 0.1	Pass Pass	MGK-264 Mvclobutanil	ND ND	ND	0.2	0.2	Pass		
fenazate	ND	ND	0.2	0.1	Page	Naled	ND	ND	0.5	0.2	Pass	witz (%)	Notes
ifenthrin	ND	ND	0.2	0.1	Pass	Oxanyl	ND	ND	1.0	0.1	Pass	- 150	
scalid	ND	ND	0.4	0.1	Pass	Paclobutrazol	ND	ND	0.4	0.1	Pass	- 150	
arbaryl	ND	ND	0.2	0.1	Pass	Permethrins	ND	ND	0.2	0.1	Pass	- 150	
arbofuran Norantraniliprole	ND	ND ND	0.2	0.1 0.1	Pass	Phosmet Piperonyl Butoxide	ND	ND	0.2 2.0	0.1	Pass	- 150	
lorantraniliprole	ND	ND ND	0.2	0.1	Page	Piperonyl Butoxide Prollethrin	ND ND	ND	2.0	0.1	Pass	- 150	
lorpyrifos	ND	ND	0.2	0.1	Page	Propiconazole	ND	ND	0.4	0.1	Pass	- 150	
ofentezine	ND	ND	0.2	0.1	Pass	Proposur	ND	ND	0.2	0.1	Pass	- 150	
rfluthrin	ND	ND	1.0	0.5	Pass	Pyrethrina	ND	ND	1.0	0.5	Pass	- 150	
permethrin	ND	ND	1.0	0.1	Pass	Pyridaben	ND	ND	0.2	0.1	Pass	- 150	
minozide	ND ND	ND ND	1.0	0.5 0.1	Pass	Spinozad Spiromezifen	ND ND	ND ND	0.2	0.1	Pann Pann	- 150	
ichlorvos (DDVP)	ND	ND	1.0	0.5	Pass	Spirotetramat	ND	ND	0.2	0.1	Pass	- 150	
imethoate	ND	ND	0.2	0.1	Pass	Spiroxamine	ND	ND	0.4	0.1	Pass	- 150	
thoprophos	ND	ND	0.2	0.1	Pass	Tebuconazole	ND	ND	0.4	0.1	Pass	- 150	
tofenprox	ND	ND	0.4	0.1	Pass	Thiscloprid	ND	ND	0.2	0.1	Pass	- 150	
toxazole enoxycarb	ND ND	ND ND	0.2	0.1 0.1	Pass	Thiamethoxam Trifloxystrobin	ND ND	ND	0.2	0.1	Pass	- 150	
enoxycarb enovroximate	ND	ND	0.2	0.1	Pass	TFITIORYSTFODIA	ND	NU	0.2	0.1	Pass	- 150	
ipronil	ND	ND	0.4	0.1	Page							- 150	
lonicamid	ND	ND	1.0	0.1	Pass							- 150	LR
ludicannil	ND	ND	0.4	0.1	Pass							- 150	
exythiares maralil	ND ND	ND ND	1.0	0.1 0.1	Pass							- 150	
sidacloprid	ND	ND	0.2	0.1	Pass							- 150	
esoxim-methyl	ND	ND	0.4	0.1	Pass								
lathion	ND	ND	0.2	0.1	Pass								
sted, samples were receive	d in good conditis	on and Quality with an asteri	Control ak (+) an	samples met acco	ptance criter pe of accredi	and GMR 202-007. Results perta a. This Certificants shall not hatton and for informational p compliance with GMR 202-064 an	be reproduced e arposes only.	ucept in full, w	ithout ti	e eritten	2 of 6	J	

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: Tin Sample Date: 12/ Analysis Date: 12 Report Date: 12/5	2/2019 /3/2019	Metrc Batch Metrc Sample		Harvest/Process Date: Report ID: LS-191204-		÷
Residual Solvents Sample Data	5		Solvents Ana Solvents Bais	lysis Date: 12/3/2019 ch ID: RES_120319A	Method: EPA 5021A Unit: µg/g (ppm)	Pass ⊘	25/2019
Analyte	Z.IH-PDF-PFD	TTT-GNB-SHT	RPD (%)	Limits	LOQ Notes	Status	8
1,4-Dioxane	ND	ND	0.00	388.0	50.0	Pass	•
2-Butanol	ND	ND	0.00	5000.0	258.0	Page	
2-Ethoxyethanol	ND	ND	0.00	168.8	50.0	Pass	
Acetone	ND	ND	0.00	5000.0	258.0	Pass	
Acetonitrile	ND	ND	0.00	410.0	50.0	Page	
Benzene	ND	ND	0.00	2.0	2.0	Pass	
Butanes	ND	ND	0.00	5000.0	258.0	Pass	
Cunene	ND	ND	0.00	78.8	50.0	Page	
Cyclohexane	ND	ND	0.00	3889.0	50.0	Page	
Ethyl Acetate	ND	ND	0.00	5000.0	250.0	Pass	
Ethyl Ether	ND	ND	0.00	5000.0	250.0	Pass	
Ethylene Glycol	ND	ND	0.00	628.8	258.0	Pass	
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	Pass	
Isopropyl Acetate	ND	ND	0.00	5000.0	258.0	Pass	
Rethanol	<l00< td=""><td><l00< td=""><td>0.00</td><td>3000.0</td><td>250.0</td><td>Page</td><td></td></l00<></td></l00<>	<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	0.603	50.0	Pass	
Pentanes	ND	ND	0.00	5000.0	258.0	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
Lightenile Labs is accredited by OBLLA coned, angular wave received in good co approval of Lightenile Labs. Results m	andition and Quality Control (unples net acceptance cri	teria. This Certifics	te shall not be reproduce		4of6	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 Portland, OR 97227 (503) 493-2535

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

Shot-10-10

Danodan Hempworks 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079 Sample Type: Tinctures Sample Date: 5/11/2021 Analysis Date: 5/12/2021 Report Date: 5/14/2021

Metrc Batch ID:

Metrc Sample ID:

Harvest/Process Date: 5/11/2021 Report ID: LS-210514-4 Sample Plan ID:SP-210511-1-B Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Potency

Potency Analysis Date: 5/12/2021 Potency Batch ID: CAN_051221B Potency Method: JAOAC 2015.1





Samples: RHZ-PBZ-DDD, RCG-MWT-WBR

Analyte	Description	LOQ	RPD (%)	Min.	Max.	Avg.	
∆9ТНС	Delta-9 Tetrahydrocannabinol	0.0055	2.79	0.386	0.397	0.391	-
THCA	Tetrahydrocannabinolic acid	0.0055	0.00	ND	ND	ND	_
CBD	Cannabidiol	0.0055	0.0774	11.2	11.2	11.2	_
CBDA	Cannabidiolic acid	0.0055	1.57	0.207	0.210	0.209	•
∆8THC	Delta-8 Tetrahydrocannabinol*	0.0055	0.00	ND	ND	ND	_
THCV	Tetrahydrocannabivarin*	0.0055	0.00	ND	ND	ND	_
CBG	Cannabigerol*	0.0055	0.990	0.219	0.221	0.220	•
CBGA	Cannabigerolic acid*	0.0055	0.00	ND	ND	ND	_
CBC	Cannabichromene*	0.0055	1.43	0.455	0.461	0.458	-
CBCA	Cannabichromenic acid*	0.0055	0.00	ND	ND	ND	
CBN	Cannabinol	0.0055	0.00	0.0109	0.0109	0.0109	•
Total THC	Δ9THC + (THCA × 0.877)		2.79	0.386	0.397	0.391	-
Total CBD	CBD + (CBDA × 0.877)		0.101	11.4	11.4	11.4	_
Total			0.0434	12.5	12.5	12.5	

Compliance

Potency

Within limits

Analysis Date: 5/12/2021

Pass ⊘

Prize Matter

Bryce Kidd, Ph.D. Lab Director



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.





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

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



Danodan Hempworks 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 (503) 290-4079 Sample Type: Tinctures Sample Date: 5/11/2021 Analysis Date: 5/12/2021 Report Date: 5/14/2021 Metrc Batch ID:

Metrc Sample ID:

Harvest/Process Date: 5/11/2021 Report ID: LS-210514-4 Sample Plan ID:SP-210511-1-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





Report Number: 21-005248/D003.R00 **Report Date:** 05/18/2021 **ORELAP#:** OR100028 **Purchase Order:** 05/11/21 16:30 **Received:**

Customer: Product identity:	Danodan Hemp Works SHOT-10-10		
Client/Metrc ID:			
Laboratory ID:	21-005248-0003	Sample Date:	05/11/21 09:30
		Summary	
Less than LOQ for all	analytes		
	anaytos.		

- -_ -

_ _ _ _ _ _ _ _ _ _ _ _ _

-- _

Microbiology:

Less than LOQ for all analytes.

- -

- - - - -

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Tester except an except of the samples are consented to the samples are consented to the samples will be retained for a maximum of 30 days from the receipt date unless
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Report Number:	21-005248/D003.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:	SHOT-10-10
Client/Metrc ID:	
Sample Date:	05/11/21 09:30
Laboratory ID:	21-005248-0003
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)	Х
E.coli	< LOQ		cfu/g	10	2104240	05/14/21	AOAC 991.14 (Petrifilm)	Х
Total Coliforms	< LOQ		cfu/g	10	2104240	05/14/21	AOAC 991.14 (Petrifilm)	Х
Staphylococcus aureus	< LOQ		cfu/g	10	2104243	05/13/21	AOAC 2003.07	Х
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2104241	05/14/21	AOAC 2014.05 (RAPID)	Х
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2104241	05/14/21	AOAC 2014.05 (RAPID)	Х
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	0.0497	2104288	05/12/21	AOAC 2013.06 (mod.)	Х
Cadmium	< LOQ		mg/kg	0.0497	2104288	05/12/21	AOAC 2013.06 (mod.)	Х
Lead	< LOQ		mg/kg	0.0497	2104288	05/12/21	AOAC 2013.06 (mod.)	Х
Mercury	< LOQ		mg/kg	0.0249	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

Page 2 of 5 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made. Testing in accordance with: OAR 333-007-0390





Report Number: 21-005248/D003.R00 **Report Date:** 05/18/2021 **ORELAP#:** OR100028 Purchase Order: 05/11/21 16:30 **Received:**

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 = $\mu g/g$ 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/D003.R00 **Report Date:** 05/18/2021 **ORELAP#:** OR100028 **Purchase Order: Received:** 05/11/21 16:30

Company: Danodan Hempworks					An	alysis	Requ	ested				PO Number:			
Contact: Steven Sands															
Street: 6019 NE MLK Jr. Blvd															
City: Portland State: OR Zip	97211						as	4			Custom Reporting:				
Email Results: Steve@danodan.com											Report to State - METRC or Other: Turn-around time: Standard Rush * Priority Rush *				
Ph: (508) 3670896 🛛 Fx Results: ()	s									Tur	n-around time	*Ask for availa		
illing (if different):		Meta				/east	nome				Sampled	by:	ASK TOT AVOID	ionity	
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/Metrc ID	
TB-35	4/14/21	1	1	1	1	1	1	1			Т	(potency)	(eubles)	commentsymetre is	
2 SHOT-15-17	5/11/21	1	1	1	1	1	1	1			т	· · · · · · · · · · · · · · · · · · ·			
5 SHOT-10-10	5/11/21	1	1	1	1	1	1	1			т				
Ц ТВ-34	2/8/21	1	1	1	1	1	1	1			т				
Relinquished By: Date	e Time	Shell		Receiv	red by:			Da	te	Time			Lab Use On		
StevenSands still	1 UI00													or Client dro	
/////		-							-		1.000			mp (°C): <u>29</u> .	
				1							100000000000000000000000000000000000000				

Samples submitted to CL with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms. 12423 NE Whitaker Way Page _____ of ____ www.columbialaboratories.com Portland, OR 97230 info@columbialaboratories.com

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Report Number: 21-005248/D003.R00 **Report Date:** 05/18/2021 **ORELAP#:** OR100028 **Purchase Order:** Received: 05/11/21 16:30

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	Quantitaion level raised due to matrix interference.
В	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.

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