



CBDSOLV

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 1 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.



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

info@lightscale.com
ORELAP #4112
OLCC #010-10033400344

Shot-15-18

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-R1058177HH
Metric Batch ID:
Metric Sample ID:

Harvest/Process Date: 6/29/2021
Report ID: LS-210707-7
Sample Plate: 2N-2N-3M-AN_20210630_4D
Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

Potency

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

16.0 mg/mL

0.574 mg/mL

Total CBD
1.47%

Total THC
0.0527%



Samples: GS1-FRW-MID, DBG-XXW-PGW

Analyte	Description	LOQ	RPD (%)	Min.	Max.	Avg.	Unit: mg/mL
Δ9THC	Delta-9 Tetrahydrocannabinol	0.0055	4.37	0.561	0.586	0.574	
THCA	Tetrahydrocannabinolic acid	0.0055	0.00	ND	ND	ND	
CBD	Cannabidiol	0.0055	0.805	15.7	15.8	15.7	
CBDA	Cannabidiolic acid	0.0055	2.22	0.291	0.298	0.294	
Δ8THC	Delta-8 Tetrahydrocannabinol*	0.0055	0.00	ND	ND	ND	
THCV	Tetrahydrocannabivarin*	0.0055	0.00	ND	ND	ND	
CBG	Cannabigerol*	0.0055	0.590	0.368	0.371	0.370	
CBGA	Cannabigerolic acid*	0.0055	0.00	ND	ND	ND	
CBC	Cannabichromene*	0.0055	1.56	0.692	0.703	0.698	
CBCA	Cannabichromenic acid*	0.0055	0.00	ND	ND	ND	
CBN	Cannabinol*	0.0055	4.65	0.0229	0.0240	0.0234	
Total THC	Δ9THC + (THCA × 0.877)		4.37	0.561	0.586	0.574	
Total CBD	CBD + (CBDA × 0.877)		0.828	15.9	16.0	16.0	
Total			0.962	17.5	17.8	17.7	

Compliance

Category	Result	Analysis Date	Status
Pesticides	Within limits	7/1/2021	Pass
Solvents	Within limits	7/2/2021	Pass
Potency	Within limits	7/1/2021	Pass


 Bryce Kidd, Ph.D.
Lab Director


 Aaron Troyer
Chief Science Officer


 LS-210707-7

Lightscale Labs is accredited by ORELAP (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.

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Shot-15-18

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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

ODA: AG-R1058177IHH
 Metrc Batch ID:
 Metrc Sample ID:

Harvest/Process Date: 6/29/2021
 Report ID: LS-210707-7
 Sample Plan: ZN-ZN-JM-NN_20210630_4D
 Sample Procedure: 160721_LAB-SOP_SampleCollection-v010

Potency

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

16.0 mg/mL Total CBD
 1.47%




0.574 mg/mL Total THC
 0.0527%

Samples: GSJ-FRW-MJD, DBG-XXW-PGW



Analyte	Description	LOQ	RPD (%)	Min.	Max.	Avg.	Unit: mg/mL
Δ9THC	Delta-9 Tetrahydrocannabinol	0.0055	4.37	0.561	0.586	0.574	
THCA	Tetrahydrocannabinolic acid	0.0055	0.00	ND	ND	ND	
CBD	Cannabidiol	0.0055	0.805	15.7	15.8	15.7	
CBDA	Cannabidiolic acid	0.0055	2.22	0.291	0.298	0.294	
Δ8THC	Delta-8 Tetrahydrocannabinol*	0.0055	0.00	ND	ND	ND	
THCV	Tetrahydrocannabivarin*	0.0055	0.00	ND	ND	ND	
CBG	Cannabigerol*	0.0055	0.590	0.368	0.371	0.370	
CBGA	Cannabigerolic acid*	0.0055	0.00	ND	ND	ND	
CBC	Cannabichromene*	0.0055	1.56	0.692	0.703	0.698	
CBCA	Cannabichromenic acid*	0.0055	0.00	ND	ND	ND	
CBN	Cannabinol*	0.0055	4.65	0.0229	0.0240	0.0234	
Total THC	Δ9THC + (THCA × 0.877)		4.37	0.561	0.586	0.574	
Total CBD	CBD + (CBDA × 0.877)		0.828	15.9	16.0	16.0	
Total			0.962	17.5	17.8	17.7	

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 


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Sample Procedure: 160721_LAB-SOP_SampleCollection-v010



Potency Quality Control Data

Potency QC Analysis Date: 7/1/2021
 Potency QC Batch ID: CAN_070121A

Method: JAOAC 2015.1
 Unit: mg/g (ppm)

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Δ9THC	ND	0.0055	19.8	19.1	104	80 - 120	
THCA	ND	0.0055	19.6	19.2	102	80 - 120	
CBD	ND	0.0055	25.8	24.6	105	80 - 120	
CBDA	ND	0.0055	21.2	21.2	100	80 - 120	

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ODA: AG-R1058177IHH
Metric Batch ID:
Metric Sample ID:

Harvest/Process Date: 6/29/2021
Report ID: LS-210707-7
Sample Plan: ZN-ZN-JM-NN_20210630_4D
Sample Procedure: 160721_LAB-SOP_SampleCollection-v010



Pesticides Analysis Date: 7/1/2021
 Pesticides Batch IDs: PST_070121B_1,
 PST_070121A_1

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

Analyte	GSJ-FRW-MJD	DBG-XXW-PGW	Limits	LOQ	Notes	Status	Analyte	GSJ-FRW-MJD	DBG-XXW-PGW	Limits	LOQ	Notes	Status
Abamectin	ND	ND	0.5	0.4		Pass	Metalaxyl	ND	ND	0.2	0.2		Pass
Acephate	ND	ND	0.4	0.2		Pass	Methiocarb	ND	ND	0.2	0.2		Pass
Acequinocyl	ND	ND	2.0	0.2		Pass	Methomyl	ND	ND	0.4	0.2		Pass
Acetamiprid	ND	ND	0.2	0.2		Pass	Methyl Parathion	ND	ND	0.2	0.2		Pass
Aldicarb	ND	ND	0.4	0.2		Pass	MGK-264	ND	ND	0.2	0.2		Pass
Azoxystrobin	ND	ND	0.2	0.2		Pass	Myclobutanil	ND	ND	0.2	0.2		Pass
Bifenazate	ND	ND	0.2	0.2		Pass	Naled	ND	ND	0.5	0.4		Pass
Bifenthrin	ND	ND	0.2	0.2		Pass	Oxamyl	ND	ND	1.0	0.2		Pass
Boscalid	ND	ND	0.4	0.2		Pass	Paclobutrazol	ND	ND	0.4	0.2		Pass
Carbaryl	ND	ND	0.2	0.2		Pass	Permethrins	ND	ND	0.2	0.2		Pass
Carbofuran	ND	ND	0.2	0.2		Pass	Phosmet	ND	ND	0.2	0.2		Pass
Chlorantraniliprole	ND	ND	0.2	0.2		Pass	Piperonyl Butoxide	ND	ND	2.0	0.2		Pass
Chlorfenapyr	ND	ND	1.0	1.0		Pass	Prallethrin	ND	ND	0.2	0.2		Pass
Chlorpyrifos	ND	ND	0.2	0.2		Pass	Propiconazole	ND	ND	0.4	0.2		Pass
Clofentezine	ND	ND	0.2	0.2		Pass	Propoxur	ND	ND	0.2	0.2		Pass
Cyfluthrin	ND	ND	1.0	1.0		Pass	Pyrethrins	ND	ND	1.0	1.0		Pass
Cypermethrin	ND	ND	1.0	1.0		Pass	Pyridaben	ND	ND	0.2	0.2		Pass
Daminozide	ND	ND	1.0	0.4		Pass	Spinosad	ND	ND	0.2	0.2		Pass
Diazinon	ND	ND	0.2	0.2		Pass	Spiromesifen	ND	ND	0.2	0.2		Pass
Dichlorvos (DDVP)	ND	ND	1.0	0.2		Pass	Spirotetramat	ND	ND	0.2	0.2		Pass
Dimethoate	ND	ND	0.2	0.2		Pass	Spiroxamine	ND	ND	0.4	0.2		Pass
Ethoprophos	ND	ND	0.2	0.2		Pass	Tebuconazole	ND	ND	0.4	0.2		Pass
Etofenprox	ND	ND	0.4	0.2		Pass	Thiacloprid	ND	ND	0.2	0.2		Pass
Etoxazole	ND	ND	0.2	0.2		Pass	Thiamethoxam	ND	ND	0.2	0.2		Pass
Fenoxycarb	ND	ND	0.2	0.2		Pass	Trifloxystrobin	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							

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Metrc Batch ID:
Metrc Sample ID:

Harvest/Process Date: 6/29/2021
Report ID: LS-210707-7
Sample Plan: ZN-ZN-JM-NN_20210630_4D
Sample Procedure: 160721_LAB-SOP_SampleCollection-v010



Pesticides Quality Control Data

Pesticides QC Analysis Date: 7/1/2021
Pesticides Batch ID: PST_070121A_1

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

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes	Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Methyl Parathion	ND	0.002	0.0106	0.0100	106	50 - 150									

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Pesticides Quality Control Data

Pesticides QC Analysis Date: 7/1/2021
 Pesticides Batch ID: PST_070121B_1
 Unit: µg/g (ppm)
 Method: AOAC 2007.01 & EN 15662

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes	Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Abamectin	ND	0.002	0.0531	0.0500	106	50 - 150		Metalaxyl	ND	0.002	0.0570	0.0500	114	50 - 150	
Acephate	ND	0.002	0.0506	0.0500	101	50 - 150		Methiocarb	ND	0.002	0.0526	0.0500	105	50 - 150	
Acequinocyl	ND	0.002	0.0431	0.0500	86.2	50 - 150		Methomyl	ND	0.002	0.0548	0.0500	110	50 - 150	
Acetamiprid	ND	0.002	0.0527	0.0500	105	50 - 150		MGK-264	ND	0.002	0.0573	0.0500	115	50 - 150	
Aldicarb	ND	0.002	0.0529	0.0500	106	50 - 150		Myclobutanil	ND	0.002	0.0529	0.0500	106	50 - 150	
Azoxystrobin	ND	0.002	0.0412	0.0500	82.4	50 - 150		Naled	ND	0.002	0.0521	0.0500	104	50 - 150	
Bifenazate	ND	0.002	0.0598	0.0500	120	50 - 150		Oxamyl	ND	0.002	0.0520	0.0500	104	50 - 150	
Bifenthrin	ND	0.002	0.0464	0.0500	92.9	50 - 150		Paclobutrazol	ND	0.002	0.0561	0.0500	112	50 - 150	
Boscalid	ND	0.002	0.0516	0.0500	103	50 - 150		Permethrins	ND	0.002	0.0516	0.0500	103	50 - 150	
Carbaryl	ND	0.002	0.0480	0.0500	96.0	50 - 150		Phosmet	ND	0.002	0.0455	0.0500	91.0	50 - 150	
Carbofuran	ND	0.002	0.0536	0.0500	107	50 - 150		Piperonyl Butoxide	ND	0.002	0.0441	0.0500	88.1	50 - 150	
Chlorantraniliprole	ND	0.002	0.0495	0.0500	99.0	50 - 150		Prallethrin	ND	0.002	0.0559	0.0500	112	50 - 150	
Chlorfenapyr	ND	0.002	0.0453	0.0500	90.5	50 - 150		Propiconazole	ND	0.002	0.0540	0.0500	108	50 - 150	
Chlorpyrifos	ND	0.002	0.0451	0.0500	90.2	50 - 150		Propoxur	ND	0.002	0.0548	0.0500	110	50 - 150	
Clofentezine	ND	0.002	0.0545	0.0500	109	50 - 150		Pyrethrins	ND	0.002	0.0512	0.0500	102	50 - 150	
Cyfluthrin	ND	0.002	0.0424	0.0500	84.9	50 - 150		Pyridaben	ND	0.002	0.0456	0.0500	91.2	50 - 150	
Cypermethrin	ND	0.002	0.0543	0.0500	109	50 - 150		Spinosad	ND	0.002	0.0495	0.0500	99.0	50 - 150	
Daminozide	ND	0.002	0.0567	0.0500	113	10 - 150		Spiromesifen	ND	0.002	0.0543	0.0500	109	50 - 150	
Diazinon	ND	0.002	0.0561	0.0500	112	50 - 150		Spirotetramat	ND	0.002	0.0531	0.0500	106	50 - 150	
Dichlorvos (DDVP)	ND	0.002	0.0494	0.0500	98.8	50 - 150		Spiroxamine	ND	0.002	0.0566	0.0500	113	50 - 150	
Dimethoate	ND	0.002	0.0504	0.0500	101	50 - 150		Tebuconazole	ND	0.002	0.0543	0.0500	109	50 - 150	
Ethoprophos	ND	0.002	0.0558	0.0500	112	50 - 150		Thiacloprid	ND	0.002	0.0423	0.0500	84.6	50 - 150	
Etofenprox	ND	0.002	0.0360	0.0500	71.9	50 - 150		Thiamethoxam	ND	0.002	0.0524	0.0500	105	50 - 150	
Etoxazole	ND	0.002	0.0473	0.0500	94.6	50 - 150		Trifloxystrobin	ND	0.002	0.0506	0.0500	101	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									

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Residual Solvents Sample Data

Solvents Analysis Date: 7/2/2021
 Solvents Batch ID: RES_070121A

Method: EPA 5021A
 Unit: µg/g (ppm)

Pass 

Analyte	GSJ-FRW-MJD	DBG-XXW-PGW	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	ND	ND	0.00	5000.0	250.0		Pass
Acetonitrile	<LOQ	<LOQ	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	<LOQ	<LOQ	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	<LOQ	<LOQ	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

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Residual Solvents Quality Control Data

Solvents QC Analysis Date: 7/2/2021
 Solvents QC Batch ID: RES_070121A

Method: EPA 5021A
 Unit: µg/g (ppm)

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	<LOQ	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)	<LOQ	50.0	1050	1000	105	70 - 130	
Isopropyl Acetate	ND	250.0	1020	1000	102	70 - 130	
Methanol	<LOQ	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	

Shot-15-18

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
Metric Batch ID:
Metric Sample ID:

Harvest/Process Date: 6/29/2021
Report ID: LS-210707-7
Sample Plan: ZN-ZN-JM-NN_20210630_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



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Portland, OR 97230
503-254-1794



Report Number: 21-007397/D004.R000
Report Date: 07/08/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/30/21 11:36

Customer: Danodan Hemp Works
Product identity: Shot 15-18
Client/Metric ID: .
Laboratory ID: 21-007397-0001

Sample Date: 06/29/21 09:30

Summary

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Report Number: 21-007397/D004.R000
Report Date: 07/08/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/30/21 11:36

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

Product identity: Shot 15-18
Client/Metric ID: .
Sample Date: 06/29/21 09:30
Laboratory ID: 21-007397-0001
Evidence of Cooling: No
Temp: 24.3 °C

Sample Results

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2105825	07/03/21	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	2105823	07/03/21	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2105823	07/03/21	AOAC 991.14 (Petrifilm)	X
Staphylococcus aureus	< LOQ		cfu/g	10	2105826	07/02/21	AOAC 2003.07	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2105824	07/03/21	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2105824	07/03/21	AOAC 2014.05 (RAPID)	X
Pseudomonas spp.	< LOQ		cfu/g	10	2105827	07/03/21	ISO 13720:1995	X
Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0363	2105929	07/02/21	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0363	2105929	07/02/21	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0363	2105929	07/02/21	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0181	2105929	07/02/21	AOAC 2013.06 (mod.)	X
Nutrition								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Gluten	< LOQ		mg/kg	5.0	2105924	07/06/21	AOAC 991.19 (mod.)	X, B



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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

B: Analyte detected in method blank, but not in associated samples.

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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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**

21007397

Company: Danodan Hempworks Contact: Steven Sands Street: 6019 NE MLK Jr BLVD City: Portland State: OR Zip: 97211 Email Results: Steve@danodan.com Ph: (508) 3670896 Fx Results: () Billing (if different): Sol@Danodan.com			Analysis Requested Heavy Metals Yeast and Mold E. coli/Coliform Count (EC) Plate Aerobic Plate Count Staphylococcus aureus Pseudomonas spp. Gluten							PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turn-around time: <input type="checkbox"/> Standard <input type="checkbox"/> Rush * <input type="checkbox"/> Priority Rush * <small>*Ask for availability</small> Sampled by: _____			
Lab ID	Client Sample Identification	Date	Heavy Metals	Yeast and Mold	E. coli/Coliform Count (EC) Plate	Aerobic Plate Count	Staphylococcus aureus	Pseudomonas spp.	Gluten	Sample Type #	Report units (potency)	Serving size (edibles)	Comments/Metric ID
1	Shot-15-18	6/29/21	✓	✓	✓	✓	✓	✓	✓	T			
2	Sleep-02	6/29/21	✓	✓	✓	✓	✓	✓	✓	T			
3	Calm-02	6/29/21	✓	✓	✓	✓	✓	✓	✓	T			
Relinquished By: <i>[Signature]</i> Date: 6/30/21 Time: _____			Received by: <i>[Signature]</i> Date: 6/30/21 Time: 11:30			Lab Use Only: <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> yes <input checked="" type="checkbox"/> No - Temp (°C): 24.3 Sample in good condition: <input checked="" type="checkbox"/> yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: Prelog storage: _____							

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

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
 Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452
 info@columbiaboratories.com

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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.