



### TB-48

Sample ID: G2K0011-01

Matrix: Hemp Products

Test ID: 5020727

Source ID:

Date Sampled: 10/31/22

Date Accepted: 10/31/22

Harvest/Prod. Date: 03.17.2022

**Danodan Hempworks**

info@danodan.com

### Potency Analysis

Date/Time Extracted: 11/01/22 11:33

Analysis Method/SOP: 215

Batch Identification: 2245011

Cannabinoids	LOQ (%)	mg/g	mg/mL	Cannabinoids Profile
Total THC	0.0009	< LOQ	< LOQ	<p>0.0</p> <p>0.2</p> <p>Legend:            ■ CBDA 0.0            ■ CBD 0.2            Total: 0.2</p>
Total CBD	0.0009	2.396	2.83	
THCA	0.0009	< LOQ	< LOQ	
delta 9-THC	0.0009	< LOQ	< LOQ	
delta 8-THC	0.0332	< LOQ	< LOQ	
THCV	0.0259	< LOQ	< LOQ	
THCVA	0.0388	< LOQ	< LOQ	
CBD	0.0009	2.127	2.51	
CBDA	0.0009	0.307	0.362	
CBDV	0.0267	< LOQ	< LOQ	
CBDVA	0.0367	< LOQ	< LOQ	
CBN	0.0240	< LOQ	< LOQ	
CBG	0.0279	< LOQ	< LOQ	
CBGA	0.0370	< LOQ	< LOQ	
CBC	0.0350	< LOQ	< LOQ	

Unit weight = 1.18 g as provided by client

Total THC = delta 9-THC + (THCA \* 0.877)

Total CBD = CBD + (CBDA \* 0.877)

Total CBG = CBG + (CBGA \* 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



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### Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	<LOQ(0.0008%) %	< LOQ %	< LOQ %	0 % PASS
Total CBD:	0.2380 %	0.2396 %	0.2397 %	0.042 % PASS
Total CBD:	0.2380 %	0.2396 %	0.2354 %	1.76 % PASS
Total CBD:	0.2380 %	0.2372 %	0.2397 %	1.05 % PASS
Total CBD:	0.2380 %	0.2372 %	0.2354 %	0.756 % PASS
Pesticides:	PASS	PASS	PASS	



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Test ID: 5020727

Source ID:

Date Sampled: 10/31/22

Date Accepted: 10/31/22

Harvest/Prod. Date: 03.17.2022

**Danodan Hempworks**

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### Pesticide Analysis in ppm

Date/Time Extracted: 11/01/22 11:00

Analysis Method/SOP: 202

Analyte	Result	Action Level	LOD	LOQ	Units	Notes	Analyte	Result	Action Level	LOD	LOQ	Units	Notes
Abamectin	< LOQ	0.5		0.1	ppm		Acephate	< LOQ	0.4		0.1	ppm	
Acequinocyl	< LOQ	2		0.5	ppm		Acetamidrid	< LOQ	0.2		0.1	ppm	
Aldicarb	< LOQ	0.4		0.1	ppm		Azoxystrobin	< LOQ	0.2		0.1	ppm	
Bifenazate	< LOQ	0.2		0.1	ppm		Bifenthrin	< LOQ	0.2		0.1	ppm	
Boscalid	< LOQ	0.4		0.1	ppm		Carbaryl	< LOQ	0.2		0.1	ppm	
Carbofuran	< LOQ	0.2		0.1	ppm		Chlorantraniliprole	< LOQ	0.2		0.1	ppm	
Chlorfenapyr	< LOQ	1		0.1	ppm		Chlorpyrifos	< LOQ	0.2		0.1	ppm	
Clofentezine	< LOQ	0.2		0.1	ppm		Cyfluthrin	< LOQ	1		0.5	ppm	
Cypermethrin	< LOQ	1		0.5	ppm		Daminozide	< LOQ	1		0.5	ppm	
DDVP (Dichlorvos)	< LOQ	1		0.1	ppm		Diazinon	< LOQ	0.2		0.1	ppm	
Dimethoate	< LOQ	0.2		0.1	ppm		Ethoprophos	< LOQ	0.2		0.1	ppm	
Etofenprox	< LOQ	0.4		0.1	ppm		Etoxazole	< LOQ	0.2		0.1	ppm	
Fenoxycarb	< LOQ	0.2		0.1	ppm		Fenpyroximate	< LOQ	0.4		0.1	ppm	
Fipronil	< LOQ	0.4		0.1	ppm		Fonicamid	< LOQ	1		0.1	ppm	
Fludioxonil	< LOQ	0.4		0.1	ppm		Hexythiazox	< LOQ	1		0.1	ppm	
Imazalil	< LOQ	0.2		0.1	ppm		Imidacloprid	< LOQ	0.4		0.1	ppm	
Kresoxim-methyl	< LOQ	0.4		0.1	ppm		Malathion	< LOQ	0.2		0.1	ppm	
Metalaxyl	< LOQ	0.2		0.1	ppm		Methiocarb	< LOQ	0.2		0.1	ppm	
Methomyl	< LOQ	0.4		0.1	ppm		Methyl parathion	< LOQ	0.2		0.1	ppm	
MGK-264	< LOQ	0.2		0.1	ppm		Myclobutanil	< LOQ	0.2		0.1	ppm	
Naled	< LOQ	0.5		0.1	ppm		Oxamyl	< LOQ	1		0.1	ppm	
Paclobutrazol	< LOQ	0.4		0.1	ppm		Permethrins	< LOQ	0.2		0.1	ppm	
Phosmet	< LOQ	0.2		0.1	ppm		Piperonyl butoxide	< LOQ	2		0.9	ppm	
Prallethrin	< LOQ	0.2		0.1	ppm		Propiconazole	< LOQ	0.4		0.1	ppm	
Propoxur	< LOQ	0.2		0.1	ppm		Pyrethrins	< LOQ	1		0.5	ppm	
Pyridaben	< LOQ	0.2		0.1	ppm		Spinosad	< LOQ	0.2		0.1	ppm	
Spiromesifen	< LOQ	0.2		0.1	ppm		Spirotetramat	< LOQ	0.2		0.1	ppm	
Spiroxamine	< LOQ	0.4		0.1	ppm		Tebuconazole	< LOQ	0.4		0.1	ppm	
Thiacloprid	< LOQ	0.2		0.1	ppm		Thiamethoxam	< LOQ	0.2		0.1	ppm	
Trifloxystrobin	< LOQ	0.2		0.1	ppm								

ND - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted **Red**.



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### Quality Control Potency

Batch: 2245011 - 215-Products

Blank(2245011-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0080	%		11/01/22 11:33	11/01/22 17:59	
delta 9-THC	< LOQ	0.0080	%		11/01/22 11:33	11/01/22 17:59	
delta 8-THC	< LOQ	0.3067	%		11/01/22 11:33	11/01/22 17:59	
THCV	< LOQ	0.2393	%		11/01/22 11:33	11/01/22 17:59	
THCVA	< LOQ	0.3582	%		11/01/22 11:33	11/01/22 17:59	
CBD	< LOQ	0.0080	%		11/01/22 11:33	11/01/22 17:59	
CBDA	< LOQ	0.0080	%		11/01/22 11:33	11/01/22 17:59	
CBDV	< LOQ	0.2462	%		11/01/22 11:33	11/01/22 17:59	
CBDVA	< LOQ	0.3382	%		11/01/22 11:33	11/01/22 17:59	
CBN	< LOQ	0.2211	%		11/01/22 11:33	11/01/22 17:59	
CBG	< LOQ	0.2572	%		11/01/22 11:33	11/01/22 17:59	
CBGA	< LOQ	0.3409	%		11/01/22 11:33	11/01/22 17:59	
CBC	< LOQ	0.3227	%		11/01/22 11:33	11/01/22 17:59	

Reference(2245011-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	109	0.0097	%	90-110	11/01/22 11:33	11/02/22 10:20	
delta 9-THC	105	0.0097	%	90-110	11/01/22 11:33	11/02/22 10:20	
delta 8-THC	107	0.3735	%	90-110	11/01/22 11:33	11/02/22 10:20	
CBD	110	0.0097	%	90-110	11/01/22 11:33	11/02/22 10:20	
CBDA	109	0.0097	%	90-110	11/01/22 11:33	11/02/22 10:20	

### Pesticide Analysis

Batch: 2245008 - 202

Blank(2245008-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Acephate	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Acequinocyl	< LOQ	0.5	ppm		11/01/22 11:00	11/02/22 01:33	
Acetamiprid	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Aldicarb	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Azoxystrobin	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Bifenazate	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Bifenthrin	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Boscalid	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 00:04	
Carbaryl	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Carbofuran	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Chlorantraniliprole	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Chlorfenapyr	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 00:04	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2245008 - 202 (Continued)

Blank(2245008-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Clofentezine	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Daminozide	< LOQ	0.5	ppm		11/01/22 11:00	11/02/22 01:33	
Cyfluthrin	< LOQ	0.5	ppm		11/01/22 11:00	11/02/22 00:04	
Diazinon	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Cypermethrin	< LOQ	0.5	ppm		11/01/22 11:00	11/02/22 00:04	
Dimethoate	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Ethoprophos	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Etofenprox	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Etoxazole	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Fenoxycarb	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Fenpyroximate	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Flonicamid	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Hexythiazox	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Imazalil	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Fipronil	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 00:04	
Imidacloprid	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Fludioxonil	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 00:04	
Metalaxyl	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Methiocarb	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Methomyl	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Myclobutanil	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Kresoxim-methyl	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 00:04	
Naled	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Malathion	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 00:04	
Oxamyl	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Paclobutrazol	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Permethrins	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Methyl parathion	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 00:04	
MGK-264	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 00:04	
Phosmet	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Piperonyl butoxide	< LOQ	0.9	ppm		11/01/22 11:00	11/02/22 01:33	
Prallethrin	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Propoxur	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Pyrethrins	< LOQ	0.5	ppm		11/01/22 11:00	11/02/22 01:33	
Pyridaben	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Propiconazole	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 00:04	
Spinosad	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2245008 - 202 (Continued)

Blank(2245008-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Spirotetramat	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Spiroxamine	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Tebuconazole	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Thiacloprid	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Thiamethoxam	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
Trifloxystrobin	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		11/01/22 11:00	11/02/22 01:33	

LCS(2245008-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	82.9	0.1	ppm	50-150	11/01/22 11:00	11/02/22 01:56	
Acephate	83.7	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Acequinocyl	76.0	0.5	ppm	40-160	11/01/22 11:00	11/02/22 01:56	
Acetamiprid	90.7	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Aldicarb	91.9	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Azoxystrobin	93.7	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Bifenazate	99.6	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Bifenthrin	213	0.1	ppm	50-150	11/01/22 11:00	11/02/22 01:56	BSH
Boscalid	77.3	0.1	ppm	60-120	11/01/22 11:00	11/02/22 00:26	
Carbaryl	102	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Carbofuran	98.3	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Chlorantraniliprole	73.1	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Chlorfenapyr	116	0.1	ppm	60-120	11/01/22 11:00	11/02/22 00:26	
Chlorpyrifos	116	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Clofentezine	81.2	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Daminozide	89.7	0.5	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Cyfluthrin	79.7	0.5	ppm	50-150	11/01/22 11:00	11/02/22 00:26	
Diazinon	93.5	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Cypermethrin	93.7	0.5	ppm	50-150	11/01/22 11:00	11/02/22 00:26	
Dimethoate	95.6	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Ethoprophos	94.5	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Etofenprox	101	0.1	ppm	50-150	11/01/22 11:00	11/02/22 01:56	
Etoxazole	95.1	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Fenoxycarb	98.0	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Fenpyroximate	87.3	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Fonicamid	87.0	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Hexythiazox	124	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	BSH
Imazalil	102	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2245008 - 202 (Continued)

LCS(2245008-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	97.7	0.1	ppm	60-120	11/01/22 11:00	11/02/22 00:26	
Imidacloprid	79.2	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Fludioxonil	77.5	0.1	ppm	50-150	11/01/22 11:00	11/02/22 00:26	
Metalaxyl	93.3	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Methiocarb	92.7	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Methomyl	97.9	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Myclobutanil	88.2	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Kresoxim-methyl	108	0.1	ppm	60-120	11/01/22 11:00	11/02/22 00:26	
Naled	107	0.1	ppm	50-150	11/01/22 11:00	11/02/22 01:56	
Malathion	102	0.1	ppm	60-120	11/01/22 11:00	11/02/22 00:26	
Oxamyl	94.5	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Paclobutrazol	83.7	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Permethrins	131	0.1	ppm	50-150	11/01/22 11:00	11/02/22 01:56	
Methyl parathion	75.7	0.1	ppm	50-150	11/01/22 11:00	11/02/22 00:26	
MGK-264	92.2	0.1	ppm	50-150	11/01/22 11:00	11/02/22 00:26	
Phosmet	92.4	0.1	ppm	50-150	11/01/22 11:00	11/02/22 01:56	
Piperonyl butoxide	132	0.9	ppm	60-120	11/01/22 11:00	11/02/22 01:56	BSH
Prallethrin	94.3	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Propoxur	99.2	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Pyrethrins	76.0	0.5	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Pyridaben	96.8	0.1	ppm	50-150	11/01/22 11:00	11/02/22 01:56	
Propiconazole	95.6	0.1	ppm	60-120	11/01/22 11:00	11/02/22 00:26	
Spinosad	98.0	0.1	ppm	50-150	11/01/22 11:00	11/02/22 01:56	
Spiromesifen	99.8	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Spirotetramat	87.1	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Spiroxamine	91.9	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Tebuconazole	91.4	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Thiacloprid	87.1	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Thiamethoxam	90.0	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
Trifloxystrobin	94.3	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	
DDVP (Dichlorvos)	94.4	0.1	ppm	60-120	11/01/22 11:00	11/02/22 01:56	



Eric Wendt  
Chief Science Officer - 11/4/2022

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.



### Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117. Quality Control samples were tested as received. Laboratory results do not take into account the uncertainty of measurements. Available upon request.

- ATM Non-cannabis matrix related interference or suppression of Internal standard
- BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
- BLK Analyte detected in method blank, but not associated samples.
- BSH Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
- BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- C Interference due to co-elution
- CBD Interference due to co-elution
- CV1 CBD matrix interference on GC Pest chromatography
- CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
- ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISL Internal Standard concentration is above acceptance criteria.
- MSH Internal Standard concentration is below acceptance criteria.
- MSI Matrix Spike High - Matrix Spike recovery above method limits.
- MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
- TPP
- U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.  
Internal Standard concentration outside control limit due to matrix interference



Eric Wendt  
Chief Science Officer - 11/4/2022

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



**Report Number:** 22-013217/D002.R000  
**Report Date:** 11/03/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/27/22 13:52

**Customer:** Danodan Hemp Works  
**Product identity:** TB-48  
**Client/Metric ID:** .  
**Laboratory ID:** 22-013217-0001

### Summary

-----  
**Metals:**

Less than LOQ for all analytes.

**Microbiology:**

Less than LOQ for all analytes.

-----



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 Portland, OR 97230  
 503-254-1794



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**Report Date:** 11/03/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/27/22 13:52

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

**Product identity:** TB-48  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 22-013217-0001  
**Evidence of Cooling:** No  
**Temp:** 23.1  
**Relinquished by:** client

### Sample Results

#### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2209239	10/30/22 AOAC 990.12 (Petrifilm) <sup>P</sup>		
E.coli	< LOQ		cfu/g	10	2209237	10/30/22 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Staphylococcus aureus	< LOQ		cfu/g	10	2209240	10/29/22 AOAC 2003.07		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2209238	10/31/22 AOAC 2014.05 (RAPID) <sup>P</sup>		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2209238	10/31/22 AOAC 2014.05 (RAPID) <sup>P</sup>		
Pseudomonas spp.	< LOQ		cfu/g	10	2209284	11/02/22 ISO 13720:1995		

#### Allergens

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Allergens: Gluten	< LOQ		mg/kg	5.0	2209416	11/02/22 AOAC 2012.01 <sup>P</sup>		

#### Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0876	2209388	11/01/22 AOAC 2013.06 (mod.) <sup>P</sup>	pass	
Cadmium	< LOQ	0.200	mg/kg	0.0876	2209388	11/01/22 AOAC 2013.06 (mod.) <sup>P</sup>	pass	
Lead	< LOQ	0.500	mg/kg	0.0876	2209388	11/01/22 AOAC 2013.06 (mod.) <sup>P</sup>	pass	
Mercury	< LOQ	0.100	mg/kg	0.0438	2209388	11/01/22 AOAC 2013.06 (mod.) <sup>P</sup>	pass	



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**Purchase Order:**  
**Received:** 10/27/22 13:52

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, CCR title 16-division 42. BCC-section 5723

**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.

<sup>b</sup> = ISO/IEC 17025:2017 accredited method.

**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

Approved Signatory

Derrick Tanner  
General Manager



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503-254-1794



**Report Number:** 22-013217/D002.R000  
**Report Date:** 11/03/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/27/22 13:52



**Hemp & Cannabis: Usable / Extract / Finished Product**  
**Chain of Custody Record**  
ORELAP ID: OR100028 ANAB ISO 17025 ID: AT-1508

DANODAN 22-013217 832 Revision: 5  
ve: 01/04/2022



Company: Danodan Hempworks  
Contact: Krista Skucas  
Address: 6019 NE MLK Jr Blvd  
City: Portland State: OR Zip Code: 97211  
 Email Results: krista@danodan.com  
 Ph: (360) - 281-3251  
Billing Contact (if different)  
Name: \_\_\_\_\_ Email: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Ph: (\_\_\_\_) - \_\_\_\_\_

Analysis Requested							
Gluten	Heavy Metals	Aerobic Plate Count	E Coli	Mold	Yeast	Staph	Pseudomonas
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Danodan Hemp Works  
Batch ID: \_\_\_\_\_  
Sampled by: \_\_\_\_\_  
Custom Reporting: \_\_\_\_\_  
Source Material:  - Ind. Hemp product |  - Rec. Cannabis  
Reporting Type:  - Compliance |  - R&D  
Report to:  - METRC |  - ODA |  - USDA |  
 - Other:  
Turnaround time (TAT - Business Days):  
 - 5BD |  - 3BD\* |  - 2BD\*  
\*Check for availability

Lab ID	Client Sample Identification	Sample date	Gluten	Heavy Metals	Aerobic Plate Count	E Coli	Mold	Yeast	Staph	Pseudomonas	Material Type †	Weight (Units)	Comments/Metric ID
TB-48			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	T		① Qualitative testing, as per emails w/ client - RBS 10/27/22
Sleep-05			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	T		

Signature - Relinquished By:	Date	Time	Signature - Received By:	Date	Time	Lab Use Only:
<i>K Skucas</i>	10/27/22	1:52pm	<i>AC</i>	10-27	1:52	<input type="checkbox"/> Shipped Via: _____ or <input checked="" type="checkbox"/> Client drop off Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>23.1</u> Sample in good condition: <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No Payment: <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: Prelog storage: _____

† - Material Type Codes: Plant Material (P) ; Isolate (I) ; Concentrate/Extract (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B) ; Vapor Product (V)  
 Samples submitted to Columbia Laboratories 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 Page \_\_\_\_\_ of \_\_\_\_\_ www.columbiaboratories.com

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



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.