

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.



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.





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.



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.



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



Danodan Hempworks AG-R1058177IHH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 360-281-3251 Harvest/Process Date: 4/21/2022 Sample Date: 5/11/2023

Analysis Date: 5/17/2023 Report Date: 5/24/2023 Report ID: LS-230524-3 Client Batch ID: Metrc Batch ID:

Metrc Sample ID:

Sample Type: Tinctures
Sample Plan:

WD-SP-GP-XS_20230511_1A Sample Procedure:

160721_LAB-SOP_SampleCollection-v010

Potency

Potency Analysis Date: 5/17/2023 Potency Batch ID:CAN_051723A Potency Method: JAOAC 2015.1

Unit Potency:

30 ml retail unit, 1.16 g/mL density 0 mg THC/117.6 mg CBD per retail unit 0 mg THC per 2.0 ml serving 7.84 mg CBD per 2.0 ml serving

3.92 mg/mL

Total CBD 0.338%

ND

Total THC ND

Samples: BTR-CTX-SFM, TND-XPN-RTD



Analyte	Description	LOQ	RPD (%)	Min.	Max.	Avg.	Unit: m
∆9ТНС	Delta-9 Tetrahydrocannabinol	0.058	0.00	ND	ND	ND	
ТНСА	Tetrahydrocannabinolic acid	0.058	0.00	ND	ND	ND	
CBD	Cannabidiol	0.058	9.61	3.36	3.71	3.54	
CBDA	Cannabidiolic acid	0.058	0.531	0.436	0.438	0.437	
∆8ТНС	Delta-8 Tetrahydrocannabinol	0.058	0.00	ND	ND	ND	
ГНСУ	Tetrahydrocannabivarin*	0.058	0.00	ND	ND	ND	
CBG	Cannabigerol*	0.058	121	ND	0.234	0.117	•
CBGA	Cannabigerolic acid*	0.058	0.00	ND	ND	ND	
CBC	Cannabichromene*	0.058	0.00	ND	ND	ND	
CBCA	Cannabichromenic acid*	0.058	0.00	ND	ND	ND	
CBN	Cannabinol*	0.058	0.00	ND	ND	ND	
ГНСVА	Tetrahydrocannabivarinic acid*	0.058	0.00	ND	ND	ND	
CBDVA	Cannabidivarinic acid*	0.058	0.00	ND	ND	ND	
CBDV	Cannabidivarin*	0.058	0.00	ND	ND	ND	
CBNA	Cannabinolic acid*	0.058	0.00	ND	ND	ND	
CBL	Cannabicyclol*	0.058	0.00	ND	ND	ND	
Total THC	Δ9THC + (THCA × 0.877)		0.00	ND	ND	ND	
Total CBD	CBD + (CBDA × 0.877)		8.62	3.75	4.09	3.92	
otal			14.0	3.80	4.38	4.09	

Compliance

Pesticides	Within limits	Analysis Date: 5/23/2023	Pass 🕢
Mycotoxins	Within limits	Analysis Date: 5/23/2023	Pass 🕢
Potency	Within limits	Analysis Date: 5/17/2023	Pass 🕢

Aaron Troyer Chief Science Officer



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.



Danodan Hempworks AG-R1058177IHH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 360-281-3251 Harvest/Process Date: 4/21/2022

Sample Date: 5/11/2023 Analysis Date: 5/17/2023 Report Date: 5/24/2023 Report ID: LS-230524-3 Client Batch ID: Metrc Batch ID:

Metrc Sample ID:

Sample Type: Tinctures

Sample Plan:

WD-SP-GP-XS_20230511_1A

Sample Procedure:

160721_LAB-SOP_SampleCollection-v010

Potency
Quality Control Data

Potency QC Analysis Date: 5/17/2023 Potency QC Batch ID: CAN_051723A Method: JAOAC 2015.1 Unit: μg/g (ppm)

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Δ9ΤΗC	ND	0.050	108.9	109.7	99.3	90 - 110	
THCA	ND	0.050	69.96	71.24	98.2	90 - 110	
CBD	ND	0.050	130.6	129.6	101	90 - 110	
CBDA	ND	0.050	71.07	72.15	98.5	90 - 110	
Δ8ΤΗC	ND	0.050	11.04	11.54	95.7	90 - 110	

POTENCY - LIMIT OF DETECTION

Verified: 060221

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

Matrix	Analyte	LOD (ppm)	LOD (mg/g)
EXTRACT	Δ9ΤΗC	2.8	0.0028
	THCA	0.56	0.00056
	CBD	2.22	0.00222
	CBDA	0.52	0.00052
FLOWER	Δ9ΤΗC	1.88	0.00188
	THCA	5.32	0.00532
	CBD	1.31	0.00131
	CBDA	0.78	0.00078



Danodan Hempworks AG-R1058177IHH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 360-281-3251

Harvest/Process Date: 4/21/2022

Sample Date: 5/11/2023 Analysis Date: 5/17/2023 Report Date: 5/24/2023 Report ID: LS-230524-3

Client Batch ID: Metrc Batch ID:

Metrc Sample ID:

Sample Type: Tinctures

Sample Plan:

WD-SP-GP-XS_20230511_1A

Sample Procedure:

160721_LAB-SOP_SampleCollection-v010

Pesticides Sample Data

Imazalil

Malathion

Imidacloprid

 ${\tt Kresoxim-methyl}$

ND

ND

ND

ND

ND

ND

ND

ND

0.2 0.1

0.4 0.2

0.4 0.2

0.2 0.1

Pesticides Analysis Date: 5/23/2023 Pesticides Batch IDs: PST_052323B_1, PST_052323A_1

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

Pass 🕢

Analyte	BTR-CTX-SFM	TND-XPN-RTD	Limits	LOQ	Notes	Status	Analyte		BTR-CTX-SF
Abamectin	ND	ND	0.5	0.2		Pass	Metalaxyl		ND
Acephate	ND	ND	0.4	0.2		Pass	Methiocarb		ND
Acequinocyl	ND	ND	2.0	0.2		Pass	Methomyl		ND
Acetamiprid	ND	ND	0.2	0.1		Pass	Methyl Par	athion	ND
Aldicarb	ND	ND	0.4	0.2		Pass	MGK-264		ND
Azoxystrobin	ND	ND	0.2	0.1		Pass	Myclobutan	il	ND
Bifenazate	ND	ND	0.2	0.1		Pass	Naled		ND
Bifenthrin	ND	ND	0.2	0.1		Pass	0xamy1		ND
Boscalid	ND	ND	0.4	0.2		Pass	Paclobutra	zol	ND
Carbaryl	ND	ND	0.2	0.1		Pass	Permethrin	s	ND
Carbofuran	ND	ND	0.2	0.1		Pass	Phosmet		ND
Chlorantraniliprole	ND	ND	0.2	0.1		Pass	Piperonyl	Butoxide	ND
Chlorfenapyr	ND	ND	1.0	0.5		Pass	Prallethri	n	ND
Chlorpyrifos	ND	ND	0.2	0.1		Pass	Propiconaz	ole	ND
Clofentezine	ND	ND	0.2	0.1		Pass	Propoxur		ND
Cyfluthrin	ND	ND	1.0	0.5		Pass	Pyrethrins		ND
Cypermethrin	ND	ND	1.0	0.5		Pass	Pyridaben		ND
Daminozide	ND	ND	1.0	0.4		Pass	Spinosad		ND
Diazinon	ND	ND	0.2	0.1		Pass	Spiromesif	en	ND
Dichlorvos (DDVP)	ND	ND	1.0	0.2		Pass	Spirotetra	mat	ND
Dimethoate	ND	ND	0.2	0.1		Pass	Spiroxamin	е	ND
Ethoprophos	ND	ND	0.2	0.1		Pass	Tebuconazo	le	ND
Etofenprox	ND	ND	0.4	0.2		Pass	Thiaclopri	d	ND
Etoxazole	ND	ND	0.2	0.1		Pass	Thiamethox	am	ND
Fenoxycarb	ND	ND	0.2	0.1		Pass	Trifloxyst	robin	ND
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	0.2		Pass			
Hexythiazox	ND	ND	1.0	0.2		Pass			

Analyte	BTR-CTX-SFM	TND-XPN-RTD	Limits	LOQ	Notes	Status
Metalaxyl	ND	ND	0.2	0.1		Pass
Methiocarb	ND	ND	0.2	0.1		Pass
Methomyl	ND	ND	0.4	0.2		Pass
Methyl Parathion	ND	ND	0.2	0.1		Pass
MGK-264	ND	ND	0.2	0.1		Pass
Myclobutanil	ND	ND	0.2	0.1		Pass
Naled	ND	ND	0.5	0.2		Pass
Oxamyl	ND	ND	1.0	0.2		Pass
Paclobutrazol	ND	ND	0.4	0.2		Pass
Permethrins	ND	ND	0.2	0.1		Pass
Phosmet	ND	ND	0.2	0.1		Pass
Piperonyl Butoxide	ND	ND	2.0	0.2		Pass
Prallethrin	ND	ND	0.2	0.1		Pass
Propiconazole	ND	ND	0.4	0.2		Pass
Propoxur	ND	ND	0.2	0.1		Pass
Pyrethrins	ND	ND	1.0	0.5		Pass
Pyridaben	ND	ND	0.2	0.1		Pass
Spinosad	ND	ND	0.2	0.1		Pass
Spiromesifen	ND	ND	0.2	0.1		Pass
Spirotetramat	ND	ND	0.2	0.1		Pass
Spiroxamine	ND	ND	0.4	0.2		Pass
Tebuconazole	ND	ND	0.4	0.2		Pass
Thiacloprid	ND	ND	0.2	0.1		Pass
Thiamethoxam	ND	ND	0.2	0.1		Pass
Trifloxystrobin	ND	ND	0.2	0.1		Pass

Pass

Pass

Pass

Pass



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TB-51

Danodan Hempworks AG-R1058177IHH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 360-281-3251

Chlorfenapyr

Harvest/Process Date: 4/21/2022 Sample Date: 5/11/2023 Analysis Date: 5/17/2023

112

Report Date: 5/24/2023 Report ID: LS-230524-3

0.0500

Client Batch ID: Metrc Batch ID:

Metrc Sample ID:

Sample Type: Tinctures

Sample Plan:

WD-SP-GP-XS_20230511_1A

Sample Procedure:

160721_LAB-SOP_SampleCollection-v010



ND 0.002 0.0562

Pesticides QC Analysis Date: 5/23/2023 Pesticides Batch ID: PST_052323A_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	0.0466	0.0500	93.2	50 - 150									

60 - 120



Danodan Hempworks AG-R1058177IHH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 360-281-3251 Harvest/Process Date: 4/21/2022

Sample Date: 5/11/2023 Analysis Date: 5/17/2023 Report Date: 5/24/2023 Report ID: LS-230524-3 Client Batch ID: Metrc Batch ID:

Metrc Sample ID:

Sample Type: Tinctures Sample Plan:

WD-SP-GP-XS_20230511_1A Sample Procedure:

160721_LAB-SOP_SampleCollection-v010

Pesticides QC Analysis Date: 5/23/2023 Pesticides Batch ID: PST_052323B_1 Unit: µg/g (ppm)

Method: AOAC 2007.01 & EN 15662

(FI)	Pesticides
	Pesticides Quality Control Data

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Abamectin	ND	0.002	0.0382	0.0500	76.5	50 - 150	
Acephate	ND	0.002	0.0553	0.0500	111	60 - 120	
Acequinocyl	ND	0.002	0.0682	0.0500	136	40 - 160	
Acetamiprid	ND	0.002	0.0641	0.0500	128	60 - 120	НВ
Aldicarb	ND	0.002	0.0520	0.0500	104	60 - 120	
Azoxystrobin	ND	0.002	0.0503	0.0500	101	60 - 120	
Bifenazate	ND	0.002	0.0403	0.0500	80.6	60 - 120	
Bifenthrin	ND	0.002	0.0607	0.0500	121	50 - 150	
Boscalid	ND	0.002	0.0454	0.0500	90.8	60 - 120	
Carbaryl	ND	0.002	0.0501	0.0500	100	60 - 120	
Carbofuran	ND	0.002	0.0505	0.0500	101	60 - 120	
${\tt Chlorantraniliprole}$	ND	0.002	0.0481	0.0500	96.2	60 - 120	
Chlorpyrifos	ND	0.002	0.0547	0.0500	109	60 - 120	
Clofentezine	ND	0.002	0.0470	0.0500	94.1	60 - 120	
Cyfluthrin	ND	0.002	0.0569	0.0500	114	50 - 150	
Cypermethrin	ND	0.002	0.0575	0.0500	115	50 - 150	
Daminozide	ND	0.002	0.0640	0.0500	128	60 - 120	HB
Diazinon	ND	0.002	0.0447	0.0500	89.4	60 - 120	
Dichlorvos (DDVP)	ND	0.002	0.0526	0.0500	105	60 - 120	
Dimethoate	ND	0.002	0.0618	0.0500	124	60 - 120	HB
Ethoprophos	ND	0.002	0.0595	0.0500	119	60 - 120	
Etofenprox	ND	0.002	0.0588	0.0500	118	50 - 150	
Etoxazole	ND	0.002	0.0553	0.0500	111	60 - 120	
Fenoxycarb	ND	0.002	0.0477	0.0500	95.3	60 - 120	
Fenpyroximate	ND	0.002	0.0546	0.0500	109	60 - 120	
Fipronil	ND	0.002	0.0428	0.0500	85.5	60 - 120	
Flonicamid	ND	0.002	0.0558	0.0500	112	60 - 120	
Fludioxonil	ND	0.002	0.0374	0.0500	74.8	50 - 150	
Hexythiazox	ND	0.002	0.0568	0.0500	114	60 - 120	
Imazalil	ND	0.002	0.0521	0.0500	104	60 - 120	
Imidacloprid	ND	0.002	0.0531	0.0500	106	60 - 120	
Kresoxim-methyl	ND	0.002	0.0518	0.0500	104	60 - 120	
Malathion	ND	0.002	0.0439	0.0500	87.7	60 - 120	

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Metalaxyl	ND	0.002	0.0512	0.0500	102	60 - 120	
Methiocarb	ND	0.002	0.0488	0.0500	97.6	60 - 120	
Methomyl	ND	0.002	0.0585	0.0500	117	60 - 120	
MGK-264	ND	0.002	0.0358	0.0500	71.5	50 - 150	
Myclobutanil	ND	0.002	0.0490	0.0500	98.0	60 - 120	
Naled	ND	0.002	0.0570	0.0500	114	50 - 150	
Oxamyl	ND	0.002	0.0545	0.0500	109	60 - 120	
Paclobutrazol	ND	0.002	0.0505	0.0500	101	60 - 120	
Permethrins	ND	0.002	0.1205	0.1000	121	50 - 150	
Phosmet	ND	0.002	0.0501	0.0500	100	50 - 150	
Piperonyl Butoxide	ND	0.002	0.0579	0.0500	116	60 - 120	
Prallethrin	ND	0.002	0.0507	0.0500	101	60 - 120	
Propiconazole	ND	0.002	0.0543	0.0500	109	60 - 120	
Propoxur	ND	0.002	0.0512	0.0500	102	60 - 120	
Pyrethrins	ND	0.002	0.0159	0.0195	81.7	60 - 120	
Pyridaben	ND	0.002	0.0561	0.0500	112	50 - 150	
Spinosad	ND	0.002	0.107	0.1000	107	50 - 150	
Spiromesifen	ND	0.002	0.0479	0.0500	95.8	60 - 120	
Spirotetramat	ND	0.002	0.0430	0.0500	85.9	60 - 120	
Spiroxamine	ND	0.002	0.0498	0.0500	99.6	60 - 120	
Tebuconazole	ND	0.002	0.0489	0.0500	97.7	60 - 120	
Thiacloprid	ND	0.002	0.0582	0.0500	116	60 - 120	
Thiamethoxam	ND	0.002	0.0553	0.0500	111	60 - 120	
Trifloxystrobin	ND	0.002	0.0578	0.0500	116	60 - 120	



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TB-51

Danodan Hempworks AG-R1058177IHH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 360-281-3251 Harvest/Process Date: 4/21/2022 Sample Date: 5/11/2023 Analysis Date: 5/17/2023

Report Date: 5/24/2023 Report ID: LS-230524-3 Client Batch ID: Metrc Batch ID:

Metrc Sample ID:

BTR-CTX-SFM

TND-XPN-RTD

Sample Type: Tinctures

Sample Plan:

Limits

WD-SP-GP-XS_20230511_1A

LOQ

Sample Procedure:

160721_LAB-SOP_SampleCollection-v010

Mycotoxins
Sample Data

Mycotoxins Analysis Date: 5/23/2023 Mycotoxins Batch IDs: PST_052323B_1

Analyte

Unit: μ g/g (ppm) Pass \bigcirc Method: AOAC 2007.01 & EN 15662

Notes

Status

Analyte		BTR-CTX-SFM	TND-XPN-RTD	Limits	LOQ	Notes	Status
Aflatoxins (B1	1+B2+G1+G2)	ND	ND	0.02	0.01		Pass
Ochratoxin A		ND	ND	0.02	0.01		Pass



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TB-51

Danodan Hempworks AG-R1058177IHH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 360-281-3251 Harvest/Process Date: 4/21/2022

Sample Date: 5/11/2023 Analysis Date: 5/17/2023 Report Date: 5/24/2023 Report ID: LS-230524-3 Client Batch ID: Metrc Batch ID:

Metrc Sample ID:

Sample Type: Tinctures

Sample Plan:

WD-SP-GP-XS_20230511_1A

Sample Procedure:

160721_LAB-SOP_SampleCollection-v010

Mycotoxins
Quality Control Data

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Aflatoxin B1	ND	0.002	0.00590	0.0050	118	60 - 120	
Aflatoxin B2	ND	0.002	0.00552	0.0050	110	60 - 120	
Aflatoxin G1	ND	0.002	0.00625	0.0050	125	60 - 120	НВ
Aflatoxin G2	ND	0.002	0.00594	0.0050	119	60 - 120	
Ochratoxin A	ND	0.002	0.00444	0.0050	88.7	60 - 120	

Mycotoxins QC Analysis Date: 5/23/2023 Mycotoxins Batch ID: PST_052323B_1 Unit: µg/g (ppm)

Method: AOAC 2007.01 & EN 15662

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



Danodan Hempworks AG-R10581771HH 6019 NE MLK JR. BLVD. PORTLAND, OR 97217 360-281-3251 Harvest/Process Date: 4/21/2022 Sample Date: 5/11/2023 Analysis Date: 5/17/2023 Report Date: 5/24/2023

Report ID: LS-230524-3

Client Batch ID: Metrc Batch ID:

Metrc Sample ID:

Sample Type: Tinctures
Sample Plan:
WD-SP-GP-XS_20230511_1A
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)
- ${f U}$ 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: 23-005591/D004.R000

Report Date: 05/18/2023 ORELAP#: OR100028

Purchase Order:

05/09/23 14:58 Received:

Customer: Danodan Hemp Works

Product identity: TB-51

Client/Metrc ID:

Laboratory ID: 23-005591-0001

Summary
Metals:
Less than LOQ for all analytes.
Microbiology:
Less than LOQ for all analytes.





Report Number: 23-005591/D004.R000

Report Date: 05/18/2023 ORELAP#: OR100028

Purchase Order:

05/09/23 14:58 Received:

Customer: Danodan Hemp Works

> 6019 NE MLK Jr Blvd Portland Oregon 97211

United States of America (USA)

Product identity: TB-51

Client/Metrc ID:

Sample Date:

Laboratory ID: 23-005591-0001

Evidence of Cooling: 22.3 °C Temp: Relinquished by: Client

Sample Results

Microbiology							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2307152	05/12/23 AOAC 990.12 (Petrifilm) ^b	
E.coli	< LOQ		cfu/g	10	2307148	05/12/23 AOAC 991.14 (Petrifilm) ^p	
Total Coliforms	< LOQ		cfu/g	10	2307148	05/12/23 AOAC 991.14 (Petrifilm) ^p	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2307150	05/13/23 AOAC 2014.05 (RAPID) ^p	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2307150	05/13/23 AOAC 2014.05 (RAPID) ^b	
Pseudomonas spp.	< LOQ		cfu/g	10	2307157	05/12/23 ISO 13720:1995	
Allergens Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Allergens: Gluten	< LOQ		mg/kg	5.0	2307355	05/16/23 AOAC 2012.01 ^b	
Metals							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Arsenic¥	< LOQ	0.200	mg/kg	0.0794	2307352	05/16/23 AOAC 2013.06 (mod.) ^b	pass
Cadmium¥	< LOQ	0.200	mg/kg	0.0794	2307352	05/16/23 AOAC 2013.06 (mod.) ^b	pass
Lead [¥]	< LOQ	0.500	mg/kg	0.0831	2307430	05/17/23 AOAC 2013.06 (mod.) ^b	pass
Mercury [¥]	< LOQ	0.100	mg/kg	0 0007	2307352	05/16/23 AOAC 2013.06 (mod.) ^b	pass





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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.

p = ISO/IEC 17025:2017 accredited method.

* = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per gram mg/kg = Milligram per kilogram = parts per million (ppm) % wt = μ g/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager





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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	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.						