



CERTIFICATE OF ANALYSIS

PRODUCED: OCT 09, 2023

SAMPLE: ENHANCED-15-24 (TINCTURE) // CLIENT: DANODAN HEMPWORKS // BATCH: PASS



MATRIX: TINCTURE
DENSITY: 1.089 g/ml
CATEGORY: TINCTURE
SAMPLE ID: 2RO-231004-007
HARVEST/MFG DATE: SEP 29, 2023
COLLECTED ON: OCT 04, 2023
BATCH/SAMPLE SIZE: 79050 UNITS / 2 UNITS
SAMPLING SOP: 160721\_LAB-SOP\_SAMPLECOLLECTION-V010
RECEIVED BY: JULIEN OUELLETTE
SERVING/PACKAGE SIZE: 2 ML / 30 ML

CANNABINOID OVERVIEW

Table with 2 columns: Cannabinoid Name, Amount. Rows include TOTAL THC (13.6 mg/pkg), TOTAL CBD (513 mg/pkg), TOTAL CANNABINOIDS (561.92 mg/pkg), and SUM OF CANNABINOIDS (563.62 mg/pkg).

MANUFACTURER INFO

MANUFACTURER
DANODAN HEMPWORKS
6019 NE MLK JR. BLVD.
PORTLAND, OR 97217

LICENSE
AG-R1058177IHH
INDUSTRIAL HEMP

BATCH RESULT: PASS

Table with 2 columns: Test Name, Result. Rows include POTENCY (PASS) and HOMOGENEITY (PASS).

JAOAC 2015.1: POTENCY BY HPLC // OCT 09, 2023

Table with 7 columns: ANALYTE, LIMIT, AMT, AMT, LOQ (mg/ml), PASS/FAIL, DATA FLAGS. Lists various cannabinoids and their measured amounts and limits.

\*\* TOTAL CBD = (CBDA X 0.877) + CBD
\*\* TOTAL THC = (THCA X 0.877) + THC

RESULTS CERTIFIED BY: CLARENCE GILLETT
LAB DIRECTOR, LIGHTSCALE LABS DBA 2 RIVER LABS
OCT 09, 2023

Handwritten signature of Clarence Gillett.

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.

JAOAC 2015.1: POTENCY BY HPLC // QUALITY CONTROL DATA // ANALYTICAL BATCH: CAN\_231006A-2.txt

ANALYTE	Blank (µg/ml)	LOQ (µg/ml)	LCS (µg/ml)	LCS Spike (µg/ml)	LCS REC (%)	LIMITS (%)
CBC	ND	0.394				
CBCA	ND	0.578				
CBD	ND	0.222	4.17	3.97	105	90-110
CBDA	ND	0.447	4.14	3.97	104	90-110
CBDV	ND	0.481				
CBDVA	ND	0.427				
CBG	ND	1.06				
CBGA	ND	0.705				
CBL	ND	0.781				
CBN	ND	0.573				
CBNA	ND	0.836				
DELTA-8-THC	ND	1.07	4.23	3.97	107	90-110
DELTA-9-THC	ND	0.731	4.19	3.97	106	90-110
THCA	ND	0.851	4.10	3.97	103	90-110
THCV	ND	0.301				
THCVA	ND	0.470				

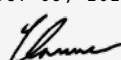
JAOAC 2015.1: POTENCY BY HPLC // PRIMARY & DUPLICATE RESULTS

ANALYTE	RESULT 1 (%)	LOQ (mg/g)	RESULT 2 (%)	LOQ (mg/g)
CBC	0.0644	0.300	0.0648	0.300
CBCA	< LOQ	0.300	< LOQ	0.300
CBD	1.54	0.300	1.55	0.300
CBDA	0.0364	0.300	0.0371	0.300
CBDV	< LOQ	0.300	< LOQ	0.300
CBDVA	< LOQ	0.300	< LOQ	0.300
CBG	0.0422	0.300	0.0425	0.300
CBGA	< LOQ	0.300	< LOQ	0.300
CBL	< LOQ	0.300	< LOQ	0.300
CBN	< LOQ	0.300	< LOQ	0.300
CBNA	< LOQ	0.300	< LOQ	0.300
DELTA-8-THC	< LOQ	0.300	< LOQ	0.300
DELTA-9-THC	0.0416	0.300	0.0416	0.300
THCA	< LOQ	0.300	< LOQ	0.300
THCV	< LOQ	0.300	< LOQ	0.300
THCVA	< LOQ	0.300	< LOQ	0.300
TOTAL THC	0.0416	N/A	0.0416	N/A
TOTAL CBD	1.57	N/A	1.58	N/A
CBD PER SERVING		N/A		N/A
DELTA-9-THC PER SERVING		N/A		N/A
TOTAL THC PER SERVING		N/A		N/A
TOTAL CBD PER SERVING		N/A		N/A
CBD PER PACKAGE		N/A		N/A
DELTA-9-THC PER PACKAGE		N/A		N/A
TOTAL THC PER PACKAGE		N/A		N/A
TOTAL CBD PER PACKAGE		N/A		N/A

HOMOGENEITY BY HPLC // OCT 09, 2023

ANALYTE	LIMIT	AMT (%)	PASS/FAIL	DATA FLAGS
Δ <sup>8</sup> -THC RPD		0.00	N/A	
TOTAL CBD RPD	10 %	0.635	PASS	
TOTAL THC RPD	10 %	0.00	PASS	

RESULTS CERTIFIED BY: CLARENCE GILLETT  
 LAB DIRECTOR, LIGHTSCALE LABS DBA 2 RIVER LABS  
 OCT 09, 2023



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



**Report Number:** 23-011816/D003.R000  
**Report Date:** 10/11/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/04/23 16:24

**Customer:** Danodan Hemp Works  
**Product identity:** Enhanced-15-24  
**Client/Metric ID:** .  
**Laboratory ID:** 23-011816-0002

### Summary

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**Metals:**

Less than LOQ for all analytes.

**Microbiology:**

Less than LOQ for all analytes.  
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**Purchase Order:**  
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**Customer:** Danodan Hemp Works  
 6019 NE MLK Jr Blvd  
 Portland Oregon 97211  
 United States of America (USA)

**Product identity:** Enhanced-15-24

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 23-011816-0002

**Evidence of Cooling:** No

**Temp:** 20.2 °C

**Relinquished by:** client

### Sample Results

#### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2311576	10/08/23 AOAC 990.12 (Petrifilm) <sup>P</sup>		
E.coli	< LOQ		cfu/g	10	2311574	10/08/23 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Total Coliforms	< LOQ		cfu/g	10	2311574	10/08/23 AOAC 991.14 (Petrifilm) <sup>P</sup>		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2311575	10/08/23 AOAC 2014.05 (RAPID) <sup>P</sup>		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2311575	10/08/23 AOAC 2014.05 (RAPID) <sup>P</sup>		
Salmonella spp. by PCR <sup>Y</sup>	Negative		/25g		2311579	10/07/23 AOAC 2020.02 <sup>P</sup>		
Pseudomonas spp.	< LOQ		cfu/g	10	2311582	10/08/23 ISO 13720:1995		

#### Allergens

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Allergens: Gluten	< LOQ		mg/kg	5.0	2311658	10/09/23 AOAC 2012.01 <sup>P</sup>		

#### Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic <sup>Y</sup>	< LOQ	0.200	mg/kg	0.0913	2311675	10/09/23 AOAC 2013.06 (mod.) <sup>P</sup>	pass	
Cadmium <sup>Y</sup>	< LOQ	0.200	mg/kg	0.0913	2311675	10/09/23 AOAC 2013.06 (mod.) <sup>P</sup>	pass	
Lead <sup>Y</sup>	< LOQ	0.500	mg/kg	0.0913	2311675	10/09/23 AOAC 2013.06 (mod.) <sup>P</sup>	pass	
Mercury <sup>Y</sup>	< LOQ	0.100	mg/kg	0.0456	2311675	10/09/23 AOAC 2013.06 (mod.) <sup>P</sup>	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.

Ⓟ = ISO/IEC 17025:2017 accredited method.

¥ = TNI accredited analyte.

**Units of Measure**

/25g = Per 25g

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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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.