

Calm-01

Danodan Hempworks 6019 NF MI K JR, BI VD. PORTLAND, OR 97217 (503) 290-4079

Sample Type: Tinctures Sample Date: 3/30/2021 Analysis Date: 4/1/2021 Report Date: 4/6/2021

Metrc Batch ID:

Metrc Sample ID:

Harvest/Process Date: 3/29/2021 Report ID: LS-210405-46 Sample Plan ID:SP-210330-4-M-P Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Potency

Potency Analysis Date: 4/1/2021 Potency Batch ID: CAN_040121D Potency Method: JAOAC 2015.1

17.1 mg/mL Total CBD 1.50%

0.672 mg/mL

Total THC 0.0588%

Samples: NCD-RCC-CXM, MRW-SMF-JDT, TXN-JDX-DGW, ZPX-SBG-GMJ, ZRC-PCH-BWS, NXF-DWF-DWG, HFD-JFW-DBH, CSJ-JXZ-DFW



Analyte	Description	LOQ	RSD (%)	Min.	Max.	Avg.	
Д9ТНС	Delta-9 Tetrahydrocannabinol	0.0057	3.34	0.640	0.700	0.672	-
THCA	Tetrahydrocannabinolic acid	0.0057	0.00	ND	ND	ND	
CBD	Cannabidiol	0.0057	1.11	16.8	17.4	17.1	
CBDA	Cannabidiolic acid	0.0057	6.40	0.0251	0.0297	0.0266	•
Δ8ΤΗC	Delta-8 Tetrahydrocannabinol*	0.0057	0.00	ND	ND	ND	
THCV	Tetrahydrocannabivarin*	0.0057	0.00	ND	ND	ND	
CBG	Cannabigerol*	0.0057	3.71	0.225	0.251	0.238	•
CBGA	Cannabigerolic acid*	0.0057	0.00	ND	ND	ND	
CBC	Cannabichromene*	0.0057	0.860	0.549	0.562	0.554	-
CBCA	Cannabichromenic acid*	0.0057	0.00	ND	ND	ND	
CBN	Cannabinol	0.0057	10.8	0.00686	0.00914	0.00800	•
Total THC	Δ9THC + (THCA × 0.877)		3.34	0.640	0.700	0.672	-
Total CBD	CBD + (CBDA × 0.877)		1.11	16.9	17.4	17.1	
Total			1.08	18.3	18.9	18.6	

Compliance

Within limits Analysis Date: 4/1/2021 Pass (V) Potency

Bryce Kidd, Ph.D. Lab Director

Chief Science Officer





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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
В	Analyte found in sample and associated blank
С	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
ЕМС	Estimated maximum possible concentration - indicates that a peak is detected but did not meet the method required criteria
М	Manual integration
PS	Peaks split
НВ	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



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.

CANNABINOID POTENCY



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.





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