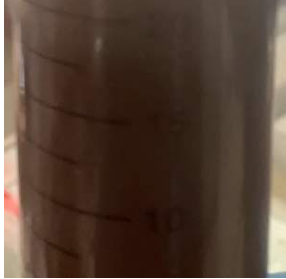




CERTIFICATE OF ANALYSIS

PRODUCED: MAR 13, 2024

SAMPLE: TB-54 (TINCTURE) // CLIENT: DANODAN HEMPWORKS // BATCH: PASSED AS OREGON INDUSTRIAL HEMP



MATRIX: TINCTURE
DENSITY: 1.16 g/ml
SAMPLE ID: 2RO-240304-017
HARVEST/MFG DATE: MAR 01, 2024
COLLECTED ON: MAR 05, 2024
SAMPLE SIZE: 73.62 G
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 (< LOQ mg/pkg), Total CBD (93.85 mg/pkg), Total Cannabinoids (93.85 mg/pkg), and Sum of Cannabinoids (93.85 mg/pkg).

MANUFACTURER INFO

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

LICENSE
AG-R1058177IHH
INDUSTRIAL HEMP

BATCH RESULT: PASSED AS OREGON INDUSTRIAL HEMP

Table with 2 columns: Test Name, Result. Rows include Potency (PASS), Homogeneity (TESTED), Mycotoxins (TESTED), and Pesticides (TESTED).

JAOAC 2015.1: POTENCY BY HPLC // MAR 13, 2024

Table with 7 columns: Analyte, Limit, Amt, Amt, LOQ (mg/ml), Pass/Fail, Data Flags. Lists various cannabinoids and their measured amounts against limits and LOQs.

\* BEYOND SCOPE OF ACCREDITATION
\*\* TOTAL CBD = (CBDA X 0.877) + CBD

RESULTS CERTIFIED BY: JULIAN WOLZ
TECHNICAL DIRECTOR, 2 RIVER LABS OREGON
MAR 13, 2024

Handwritten signature of Julian Wolz



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



RESULTS CERTIFIED BY: JULIAN WOLZ  
TECHNICAL DIRECTOR, 2 RIVER LABS OREGON  
MAR 13, 2024

A handwritten signature in black ink, appearing to read 'Julian Wolz', is positioned below the printed name and title.

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JAOAC 2015.1: POTENCY BY HPLC // QUALITY CONTROL DATA // ANALYTICAL BATCH: CAN\_240312A.txt

ANALYTE	Blank (µg/ml)	LOQ (µg/ml)	LCS (µg/ml)	LCS Spike (µg/ml)	LCS REC (%)	LIMITS (%)
CBC	ND	0.39400				
CBCA	ND	0.57800				
CBD	ND	0.22200	4.1160	3.9683	103.72	90-110
CBD A	ND	0.44700	3.9370	3.9683	99.212	90-110
CBDV	ND	0.48100				
CBDVA	ND	0.42700				
CBG	ND	1.0570				
CBGA	ND	0.70500				
CBL	ND	0.78100				
CBN	ND	0.57300				
CBNA	ND	0.83600				
DELTA-8-THC	ND	1.0650	4.0520	3.9722	102.01	90-110
DELTA-9-THC	ND	0.73100	4.0880	3.9694	102.99	90-110
THCA	ND	0.85100	3.8810	3.9683	97.801	90-110
THCV	ND	0.30100				
THCVA	ND	0.47000				

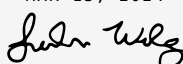
JAOAC 2015.1: POTENCY BY HPLC // PRIMARY & DUPLICATE RESULTS

ANALYTE	RESULT 1 (%)	LOQ (mg/g)	RESULT 2 (%)	LOQ (mg/g)
CBC	< LOQ	0.300	< LOQ	0.300
CBCA	< LOQ	0.300	< LOQ	0.300
CBD	0.27124	0.300	0.26810	0.300
CBD A	< LOQ	0.300	< LOQ	0.300
CBDV	< LOQ	0.300	< LOQ	0.300
CBDVA	< LOQ	0.300	< LOQ	0.300
CBG	< LOQ	0.300	< LOQ	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	< LOQ	0.300	< LOQ	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	< LOQ	N/A	< LOQ	N/A
TOTAL CBD	0.27124	N/A	0.26810	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 // MAR 13, 2024

ANALYTE	LIMIT	AMT (%)	PASS/FAIL	DATA FLAGS
TOTAL CBD RPD		1.16	N/A	
TOTAL THC RPD		0.00	N/A	
Δ <sup>8</sup> -THC RPD		0.00	N/A	

RESULTS CERTIFIED BY: JULIAN WOLZ  
 TECHNICAL DIRECTOR, 2 RIVER LABS OREGON  
 MAR 13, 2024




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AOAC 2007.01 & EN 15662: PESTICIDES BY LC-MS ESI // MAR 13, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOQ (µg/g)	PASS/FAIL	DATA FLAGS
NALED		< LOQ	0.200	N/A	
OXAMYL		< LOQ	0.500	N/A	
PHOSMET		< LOQ	0.100	N/A	
ACEPHATE		< LOQ	0.200	N/A	
ALDICARB		< LOQ	0.200	N/A	
BOSCALID		< LOQ	0.200	N/A	
CARBARYL		< LOQ	0.100	N/A	
DIAZINON		< LOQ	0.100	N/A	
FIPRONIL		< LOQ	0.100	N/A	
IMAZALIL		< LOQ	0.100	N/A	
METHOMYL		< LOQ	0.200	N/A	
PROPOXUR		< LOQ	0.100	N/A	
ABAMECTIN		< LOQ	0.200	N/A	
ETOXAZOLE		< LOQ	0.100	N/A	
MGK-264 I		< LOQ	0.100	N/A	
MALATHION		< LOQ	0.100	N/A	
METALAXYL		< LOQ	0.100	N/A	
PYRIDABEN		< LOQ	0.100	N/A	
BIFENAZATE		< LOQ	0.100	N/A	
BIFENTHRIN		< LOQ	0.100	N/A	
CARBOFURAN		< LOQ	0.100	N/A	
CYFLUTHRIN		< LOQ	0.500	N/A	
DAMINOZIDE		< LOQ	0.500	N/A	
DICHLORVOS		< LOQ	0.500	N/A	
DIMETHOATE		< LOQ	0.100	N/A	
ETOFENPROX		< LOQ	0.200	N/A	
FENOXYCARB		< LOQ	0.100	N/A	
FLONICAMID		< LOQ	0.500	N/A	
MGK-264 II		< LOQ	0.100	N/A	
METHIOCARB		< LOQ	0.100	N/A	
SPINOSAD A		< LOQ	0.100	N/A	
SPINOSAD D		< LOQ	0.100	N/A	
ACEQUINOCYL		< LOQ	1.00	N/A	
ACETAMIPRID		< LOQ	0.100	N/A	
ETHOPROPHOS		< LOQ	0.100	N/A	
FLUDIOXONIL		< LOQ	0.200	N/A	
HEXYTHIAZOX		< LOQ	0.500	N/A	
PRALLETHRIN		< LOQ	0.100	N/A	
SPIROXAMINE		< LOQ	0.200	N/A	
THIACLOPRID		< LOQ	0.100	N/A	
AZOXYSTROBIN		< LOQ	0.100	N/A	
CHLORFENAPYR		< LOQ	0.500	N/A	
CHLORPYRIFOS		< LOQ	0.100	N/A	
CLOFENTEZINE		< LOQ	0.100	N/A	
CYPERMETHRIN		< LOQ	0.500	N/A	
IMIDACLOPRID		< LOQ	0.200	N/A	
MYCLOBUTANIL		< LOQ	0.100	N/A	
SPIROMESIFEN		< LOQ	0.100	N/A	
TEBUCONAZOLE		< LOQ	0.200	N/A	
THIAMETHOXAM		< LOQ	0.100	N/A	
FENPYROXIMATE		< LOQ	0.200	N/A	
PACLOBUTRAZOL		< LOQ	0.200	N/A	
PROPICONAZOLE		< LOQ	0.200	N/A	
SPIROTETRAMAT		< LOQ	0.100	N/A	
PERMETHRIN CIS		< LOQ	0.100	N/A	
KRESOXIM-METHYL		< LOQ	0.200	N/A	
TRIFLOXYSTROBIN		< LOQ	0.100	N/A	
METHYL PARATHION		< LOQ	0.100	N/A	
PERMETHRIN TRANS		< LOQ	0.100	N/A	
PIPERONYLBUTOXIDE		< LOQ	1.00	N/A	
CHLORANTRANILIPROLE		< LOQ	0.100	N/A	
PYRETHRINS CINERIN I		< LOQ	0.500	N/A	
PYRETHRINS JASMOLIN I		< LOQ	0.500	N/A	
PYRETHRINS PYRETHRIN I		< LOQ	0.500	N/A	

RESULTS CERTIFIED BY: JULIAN WOLZ  
 TECHNICAL DIRECTOR, 2 RIVER LABS OREGON  
 MAR 13, 2024




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# REGULATORY COMPLIANCE TESTING

## AOAC 2007.01 & EN 15662: PESTICIDES BY LC-MS ESI // QUALITY CONTROL DATA // ANALYTICAL BATCH: 240311\_B-2.txt

ANALYTE	Blank (µg/ml)	LOQ (µg/ml)	LCS1 (µg/ml)	LCS1 Spike (µg/ml)	LCS1 REC (%)	LCS2 (µg/ml)	LCS2 Spike (µg/ml)	LCS2 REC (%)	LIMITS (%)
NALED	ND	0.00405				0.0245	0.0246	99.6	50-150
OXAMYL	ND	0.000609	0.0254	0.0244	104				60-120
PHOSMET	ND	0.00124				0.0246	0.0244	101	50-150
ACEPHATE	ND	0.00201	0.0226	0.0245	92.4				60-120
ALDICARB	ND	0.00237	0.0258	0.0247	105				60-120
BOSCALID	ND	0.00239	0.0354	0.0243	146				60-120
CARBARYL	ND	0.00261	0.0248	0.0244	101				60-120
DIAZINON	ND	0.00143	0.0251	0.0244	103				60-120
FIPRONIL	ND	0.00353	0.0243	0.0246	98.7				60-120
IMAZALIL	ND	0.00142	0.0260	0.0246	106				60-120
METHOMYL	ND	0.00172	0.0268	0.0246	109				60-120
PROPOXUR	ND	0.00190	0.0245	0.0247	99.1				60-120
ABAMECTIN	ND	0.00673				0.0203	0.0246	82.5	50-150
ETOXAZOLE	ND	0.00113	0.0286	0.0246	116				60-120
MGK-264 I	ND	0.00176				0.0110	0.00818	135	50-150
MALATHION	ND	0.00233	0.0211	0.0242	87.3				60-120
METALAXYL	ND	0.00199	0.0306	0.0242	127				60-120
PYRIDABEN	ND	0.00192				0.0266	0.0245	109	50-150
BIFENAZATE	ND	0.00407	0.0263	0.0243	108				60-120
BIFENTHRIN	ND	0.00132				0.0234	0.0244	95.8	50-150
CARBOFURAN	ND	0.00193	0.0256	0.0245	105				60-120
CYFLUTHRIN	ND	0.00470				0.0233	0.0244	95.4	50-150
DAMINOZIDE	ND	0.00960	0.0233	0.0247	94.4				60-120
DICHLORVOS	ND	0.00297	0.0239	0.0248	96.6				60-120
DIMETHOATE	ND	0.00218	0.0259	0.0247	105				60-120
ETOFENPROX	ND	0.00191				0.0289	0.0245	118	50-150
FENOXYCARB	ND	0.00135	0.0280	0.0246	114				60-120
FLONICAMID	ND	0.00224	0.0267	0.0246	108				60-120
MGK-264 II	ND	0.00176				0.0137	0.0161	85.0	50-150
METHIOCARB	ND	0.00181	0.0224	0.0245	91.3				60-120
SPINOSAD A	ND	0.00218				0.0202	0.0199	101	50-150
SPINOSAD D	ND	0.00218				0.00588	0.00429	137	50-150
ACEQUINOCYL	ND	0.00351				0.0260	0.0243	107	40-160
ACETAMIPRID	ND	0.00319	0.0253	0.0245	103				60-120
ETHOPROPHOS	ND	0.00139	0.0303	0.0246	123				60-120
FLUDIOXONIL	ND	0.00825				0.0244	0.0248	98.7	50-150
HEXYTHIAZOX	ND	0.00148	0.0227	0.0246	92.2				60-120
PRALLETHRIN	ND	0.00159	0.0227	0.0245	92.6				60-120
SPIROXAMINE	ND	0.00113	0.0286	0.0249	115				60-120
THIACLOPRID	ND	0.00122	0.0261	0.0246	106				60-120
AZOXYSTROBIN	ND	0.00178	0.0243	0.0247	98.5				60-120
CHLORFENAPYR	ND	0.00819	0.0319	0.0244	131				60-120
CHLORPYRIFOS	ND	0.000869	0.0234	0.0245	95.8				60-120
CLOFENTEZINE	ND	0.000811	0.0271	0.0245	111				60-120
CYPERMETHRIN	ND	0.00376				0.0292	0.0248	118	50-150
IMIDACLOPRID	ND	0.00244	0.0230	0.0245	94.0				60-120
MYCLOBUTANIL	ND	0.00377	0.0216	0.0246	87.8				60-120
SPIROMESIFEN	ND	0.00260	0.0257	0.0245	105				60-120
TEBUCONAZOLE	ND	0.00202	0.0386	0.0247	157				60-120
THIAMETHOXAM	ND	0.000844	0.0235	0.0244	96.0				60-120
FENPYROXIMATE	ND	0.00105	0.0284	0.0247	115				60-120
PACLOBUTRAZOL	ND	0.00154	0.0297	0.0245	121				60-120
PROPICONAZOLE	ND	0.00189	0.0262	0.0244	107				60-120
SPIROTETRAMAT	ND	0.00407	0.0235	0.0246	95.7				60-120
PERMETHRIN CIS	ND	0.00214				0.0102	0.00984	103	50-150
KRESOXIM-METHYL	ND	0.00298	0.0296	0.0243	122				60-120
TRIFLOXYSTROBIN	ND	0.000520	0.0274	0.0244	112				60-120
METHYL PARATHION	ND	0.00218				0.0204	0.0240	84.6	50-150
PERMETHRIN TRANS	ND	0.00214				0.0166	0.0148	112	50-150
PIPERONYLBUTOXIDE	ND	0.00156	0.0259	0.0243	107				60-120
CHLORANTRANILIPROLE	ND	0.00236	0.0267	0.0247	108				60-120
PYRETHRINS CINERIN I	ND	0.00184	0.000645	0.000662	97.3				60-120
PYRETHRINS JASMOLIN I	ND	0.00184	0.000518	0.000464	112				60-120
PYRETHRINS PYRETHRIN I	ND	0.00184	0.00675	0.00653	103				60-120

## AOAC 2007.01 & EN 15662: PESTICIDES BY LC-MS ESI // PRIMARY & DUPLICATE RESULTS

ANALYTE	RESULT 1 (µg/g)	LOQ (µg/g)	RESULT 2 (µg/g)	LOQ (µg/g)
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RESULTS CERTIFIED BY: JULIAN WOLZ  
 TECHNICAL DIRECTOR, 2 RIVER LABS OREGON  
 MAR 13, 2024

*Julian Wolz*



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# REGULATORY COMPLIANCE TESTING

NALED	< LOQ	0.200	< LOQ	0.200
OXAMYL	< LOQ	0.500	< LOQ	0.500
PHOSMET	< LOQ	0.100	< LOQ	0.100
ACEPHATE	< LOQ	0.200	< LOQ	0.200
ALDICARB	< LOQ	0.200	< LOQ	0.200
BOSCALID	< LOQ	0.200	< LOQ	0.200
CARBARYL	< LOQ	0.100	< LOQ	0.100
DIAZINON	< LOQ	0.100	< LOQ	0.100
FIPRONIL	< LOQ	0.100	< LOQ	0.100
IMAZALIL	< LOQ	0.100	< LOQ	0.100
METHOMYL	< LOQ	0.200	< LOQ	0.200
PROPOXUR	< LOQ	0.100	< LOQ	0.100
ABAMECTIN	< LOQ	0.200	< LOQ	0.200
ETOXAZOLE	< LOQ	0.100	< LOQ	0.100
MGK-264 I	< LOQ	0.100	< LOQ	0.100
MALATHION	< LOQ	0.100	< LOQ	0.100
METALAXYL	< LOQ	0.100	< LOQ	0.100
PYRIDABEN	< LOQ	0.100	< LOQ	0.100
BIFENAZATE	< LOQ	0.100	< LOQ	0.100
BIFENTHRIN	< LOQ	0.100	< LOQ	0.100
CARBOFURAN	< LOQ	0.100	< LOQ	0.100
CYFLUTHRIN	< LOQ	0.500	< LOQ	0.500
DAMINOZIDE	< LOQ	0.500	< LOQ	0.500
DICHLORVOS	< LOQ	0.500	< LOQ	0.500
DIMETHOATE	< LOQ	0.100	< LOQ	0.100
ETOFENPROX	< LOQ	0.200	< LOQ	0.200
FENOXYCARB	< LOQ	0.100	< LOQ	0.100
FLONICAMID	< LOQ	0.500	< LOQ	0.500
MGK-264 II	< LOQ	0.100	< LOQ	0.100
METHIOCARB	< LOQ	0.100	< LOQ	0.100
SPINOSAD A	< LOQ	0.100	< LOQ	0.100
SPINOSAD D	< LOQ	0.100	< LOQ	0.100
ACEQUINOCYL	< LOQ	1.00	< LOQ	1.00
ACETAMIPRID	< LOQ	0.100	< LOQ	0.100
ETHOPROPHOS	< LOQ	0.100	< LOQ	0.100
FLUDIOXONIL	< LOQ	0.200	< LOQ	0.200
HEXYTHIAZOX	< LOQ	0.500	< LOQ	0.500
PRALLETHRIN	< LOQ	0.100	< LOQ	0.100
SPIROXAMINE	< LOQ	0.200	< LOQ	0.200
THIACLOPRID	< LOQ	0.100	< LOQ	0.100
AZOXYSTROBIN	< LOQ	0.100	< LOQ	0.100
CHLORFENAPYR	< LOQ	0.500	< LOQ	0.500
CHLORPYRIFOS	< LOQ	0.100	< LOQ	0.100
CLOFENTEZINE	< LOQ	0.100	< LOQ	0.100
CYPERMETHRIN	< LOQ	0.500	< LOQ	0.500
IMIDACLOPRID	< LOQ	0.200	< LOQ	0.200
MYCLOBUTANIL	< LOQ	0.100	< LOQ	0.100
SPIROMESIFEN	< LOQ	0.100	< LOQ	0.100
TEBUCONAZOLE	< LOQ	0.200	< LOQ	0.200
THIAMETHOXAM	< LOQ	0.100	< LOQ	0.100
FENPYROXIMATE	< LOQ	0.200	< LOQ	0.200
PACLOBUTRAZOL	< LOQ	0.200	< LOQ	0.200
PROPICONAZOLE	< LOQ	0.200	< LOQ	0.200
SPIROTETRAMAT	< LOQ	0.100	< LOQ	0.100
PERMETHRIN CIS	< LOQ	0.100	< LOQ	0.100
KRESOXIM-METHYL	< LOQ	0.200	< LOQ	0.200
TRIFLOXYSTROBIN	< LOQ	0.100	< LOQ	0.100
METHYL PARATHION	< LOQ	0.100	< LOQ	0.100
PERMETHRIN TRANS	< LOQ	0.100	< LOQ	0.100
PIPERONYLBUTOXIDE	< LOQ	1.00	< LOQ	1.00
CHLORANTRANILIPROLE	< LOQ	0.100	< LOQ	0.100
PYRETHRINS CINERIN I	< LOQ	0.500	< LOQ	0.500
PYRETHRINS JASMOLIN I	< LOQ	0.500	< LOQ	0.500
PYRETHRINS PYRETHRIN I	< LOQ	0.500	< LOQ	0.500

**RESULTS CERTIFIED BY: JULIAN WOLZ**  
 TECHNICAL DIRECTOR, 2 RIVER LABS OREGON  
 MAR 13, 2024

*Julian Wolz*

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AOAC 2007.01 & EN 15662: MYCOTOXINS BY LC-MS // MAR 13, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOQ (µg/kg)	PASS/FAIL	DATA FLAGS
AFLATOXIN B1		< LOQ	10.0	N/A	
AFLATOXIN B2		< LOQ	10.0	N/A	
AFLATOXIN G1		< LOQ	10.0	N/A	
AFLATOXIN G2		< LOQ	10.0	N/A	
OCHRATOXIN A		< LOQ	10.0	N/A	

AOAC 2007.01 & EN 15662: MYCOTOXINS BY LC-MS // QUALITY CONTROL DATA // ANALYTICAL BATCH: 240311\_B-2.txt

ANALYTE	Blank (µg/ml)	LOQ (µg/ml)	LCS (µg/ml)	LCS Spike (µg/ml)	LCS REC (%)	LIMITS (%)
AFLATOXIN B1	ND	0.0107	0.00216	0.00246	87.7	60-120
AFLATOXIN B2	ND	0.0157	0.00209	0.00246	84.8	60-120
AFLATOXIN G1	ND	0.00285	0.00203	0.00246	82.4	60-120
AFLATOXIN G2	ND	0.00236	0.00216	0.00246	87.7	60-120
OCHRATOXIN A	ND	0.00889	0.00182	0.00246	73.9	60-120

AOAC 2007.01 & EN 15662: MYCOTOXINS BY LC-MS // PRIMARY & DUPLICATE RESULTS

ANALYTE	RESULT 1 (µg/g)	LOQ (µg/kg)	RESULT 2 (µg/g)	LOQ (µg/kg)
AFLATOXIN B1	< LOQ	10.0	< LOQ	10.0
AFLATOXIN B2	< LOQ	10.0	< LOQ	10.0
AFLATOXIN G1	< LOQ	10.0	< LOQ	10.0
AFLATOXIN G2	< LOQ	10.0	< LOQ	10.0
OCHRATOXIN A	< LOQ	10.0	< LOQ	10.0

ACCREDITATIONS



4112 - 015

ORELAP ACCREDITED

AOAC 2007.01 & EN 15662: PESTICIDES BY LC-MS ESI  
 ABAMECTIN, ACEPHATE, ACEQUINOCYL, ACETAMIPRID, ALDICARB, AZOXYSTROBIN, BIFENAZATE, BIFENTHRIN, BOSCALID, CARBARYL, CARBOFURAN, CHLORANTRANILIPROLE, CHLORFENAPYR, CHLORPYRIFOS, CLOFENTEZINE, CYFLUTHRIN, CYPERMETHRIN, DAMINOZIDE, DIAZINON, DICHLORVOS, DIMETHOATE, ETHOPROPHOS, ETOFENPROX, ETOXAZOLE, FENOXYCARB, FENPYROXIMATE, FIPRONIL, FLONICAMID, FLUDIOXONIL, HEXYTHIAZOX, IMAZALIL, IMIDACLOPRID, KRESOXIM-METHYL, MGK-264, MGK-264 I, MGK-264 II, MALATHION, METALAXYL, METHIACARB, METHOMYL, METHYL PARATHION, MYCLOBUTANIL, NALED, OXAMYL, PACLOBUTRAZOL, PERMETHRIN, PERMETHRIN CIS, PERMETHRIN TRANS, PHOSMET, PIPERONYLBUTOXIDE, PRALLETHRIN, PROPICONAZOLE, PROPOXUR, PYRETHRINS, PYRETHRINS CINERIN I, PYRETHRINS JASMOLIN I, PYRETHRINS PYRETHRIN I, PYRIDABEN, SPINOSAD, SPINOSAD A, SPINOSAD D, SPIROMESIFEN, SPIROTETRAMAT, SPIROXAMINE, TEBUCONAZOLE, THIACLOPRID, THIAMETHOXAM, TRIFLOXYSTROBIN

AOAC 2007.01 & EN 15662: MYCOTOXINS BY LC-MS  
 AFLATOXIN B1, AFLATOXIN B2, AFLATOXIN G1, AFLATOXIN G2, AFLATOXINS, OCHRATOXIN A

JAOAC 2015.1: POTENCY BY HPLC  
 CBD, CBDA, DELTA-8-THC, DELTA-9-THC, THC: CBD RATIO, THCA, TOTAL CBD, TOTAL THC

RESULTS CERTIFIED BY: JULIAN WOLZ  
 TECHNICAL DIRECTOR, 2 RIVER LABS OREGON  
 MAR 13, 2024

2 River Labs Oregon 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 2 River Labs Oregon. Results marked with an asterisk (\*) are not within scope of accreditation and for informational purposes only.



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



**Report Number:** 24-002482/D002.R000  
**Report Date:** 03/12/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/05/24 11:57

**Customer:** Danodan Hemp Works  
**Product identity:** TB-54  
**Client/Metric ID:** .  
**Laboratory ID:** 24-002482-0001

### Summary

**Metals:**

Analyte	Result	Units	Limit	Status
Lead*	0.147	mg/kg	0.500	pass

**Microbiology:**

*Less than LOQ for all analytes.*





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**Report Date:** 03/12/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 03/05/24 11:57

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

**Product identity:** TB-54  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 24-002482-0001  
**Evidence of Cooling:** No  
**Temp:** 14.2 °C  
**Relinquished by:** shipping

### Sample Results

#### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2401758	03/08/24 AOAC 990.12 (Petrifilm)		
E.coli	< LOQ		cfu/g	10	2401756	03/08/24 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2401756	03/08/24 AOAC 991.14 (Petrifilm)		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2401757	03/09/24 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2401757	03/09/24 AOAC 2014.05 (RAPID)		
Pseudomonas spp.	< LOQ		cfu/g	10	2401765	03/08/24 ISO 13720:1995		

#### Allergens

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Allergens: Gluten	< LOQ		mg/kg	5.0	2401930	03/08/24 AOAC 2012.01 <sup>b</sup>		

#### Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic <sup>y</sup>	< LOQ	0.200	mg/kg	0.0855	2401860	03/08/24 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Cadmium <sup>y</sup>	< LOQ	0.200	mg/kg	0.0855	2401860	03/08/24 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Lead <sup>y</sup>	0.147	0.500	mg/kg	0.0855	2401860	03/08/24 AOAC 2013.06 (mod.) <sup>b</sup>	pass	
Mercury <sup>y</sup>	< LOQ	0.100	mg/kg	0.0428	2401860	03/08/24 AOAC 2013.06 (mod.) <sup>b</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**

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.