

# Dennis 355c


Batch ID: N/A  
Reported: 2-Jan-2018  
Type: Concentrate  
Test: Residual Solvents

## RESIDUAL SOLVENTS

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	>2000
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

NOTES:  
Free from visual mold, mildew, and foreign matter.

## FINAL APPROVAL



Mua Vue  
2-Jan-2018  
4:24 PM

PREPARED BY / DATE



Chris Jungling  
2-Jan-2018  
5:19 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Services, LLC, in the condition it was received. Botanacor Services, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Services, LLC.

The current sample was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

25823-PST

Analyte	CAS	Result	Units	LLD	Limits (ppb)	Status
Abamectin	71751-41-2	ND	ppb	0.2	10	PASS
Azoxystrobin	131860-33-8	ND	ppb	0.1	10	PASS
Bifenazate	149877-41-8	ND	ppb	0.1	10	PASS
Bifenthrin	82657-04-3	ND	ppb	0.2	10	PASS
Cyfluthrin	68359-37-5	ND	ppb	0.5	10	*
Daminozide	1596-84-5	ND	ppb	10	10	PASS
Dichlorvos	62-73-7	ND	ppb	3	10	*
Etoxazole	153233-91-1	ND	ppb	0.1	10	PASS
Fenoxycarb	72490-01-8	ND	ppb	0.1	10	PASS
Imazalil	35554-44-0	ND	ppb	0.1	10	PASS
Imidacloprid	138261-41-3	ND	ppb	0.1	10	PASS
Myclobutanil	88671-89-0	ND	ppb	0.1	10	PASS
Paclobutrazol	76738-62-0	ND	ppb	0.1	10	PASS
Piperonyl butoxide	51-03-6	ND	ppb	0.1	10	PASS
Pyrethrin	8003-34-7	ND	ppb	0.1	10	PASS
Spinosad	168316-95-8	ND	ppb	0.1	10	PASS
Spiromesifen	283594-90-1	ND	ppb	0.1	10	PASS
Spirotetramat	203313-25-1	ND	ppb	0.1	10	PASS
Trifloxystrobin	141517-21-7	ND	ppb	0.1	10	PASS

\* Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 5. ND indicates "none detected" above the lower limit of detection (LLD). Analytes marked with (\*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample.

**END OF REPORT**

*Lot 7014*

# 7 LEAF SOLUTIONS

Files

## DENNIS CAMPBELL Oil 2 - Micro.pdf



### Oil 2

Batch ID: N/A  
Reported: 20-Nov-2017  
Type: Concentrate  
Test: Micro

### MICROBIAL CONTAMINANTS

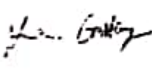
Test	Result	Unit
Total Aerobic Count	None Detected	CFU/g
Total Coliforms	None Detected	CFU/g
Total Yeast and Molds	None Detected	CFU/g
<i>E. coli</i>	None Detected	CFU/g
<i>Salmonella</i>	None Detected	CFU/g

\* Micro - General Microbiology Test  
\*\* Total Aerobic Count (TAC) and Coliforms are reported as CFU/g. A confirmed count of 1000 CFU/g or less is considered acceptable for most food products.

Lot # 1012 - 1012-010  
Lot # 1013 - 1013-010  
Lot # 1014 - 1014-010  
Lot # 1015 - 1015-010

NOTES:  
Free from visual mold, mildew, and foreign matter.

### FINAL APPROVAL

  
PREPARED BY / DATE

Laura Gaskey  
20-Nov-2017  
8:50 AM

  
APPROVED BY / DATE

Mike Branvold  
20-Nov-2017  
3:50 PM

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Certificate ID: 25823

Client Sample ID: FULL SPECTRUM OIL

Matrix: Concentrates/Extracts - CO2

Date Received: 1/16/2018



7 Leaf Solutions

Fairway Drive

Buena Vista, CO 81211

Attn: Dennis Campbell

Lot 704

This test method was performed in accordance with the requirements of ISO/IEC 17025. The sample was provided to the laboratory by the client and tested as received. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Authorization: Matthew Silva, Chemical Engineer	Signature: 	Date: 1/22/2018
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**HM: Heavy Metal Analysis [WI-10-13]**

Analyst: JFD

Test Date: 1/18/2018

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

**25823-HM**

Symbol	Metal	Conc. <sup>1</sup>	Units	MDL	Use Limits <sup>2</sup>		Units	Status
					All	Ingestion		
As	Arsenic	7	µg/kg	4	200	1500	µg/kg	PASS
Cd	Cadmium	32	µg/kg	1	200	500	µg/kg	PASS
Hg	Mercury	2	µg/kg	2	100	1500	µg/kg	PASS
Pb	Lead	376	µg/kg	2	500	1000	µg/kg	PASS

1) ND - None detected to Lowest Limits of Detection (LLD)

2) MA Dept. of Public Health: Protocol for MMJ and MIPS, Exhibit 4(a) for all products.

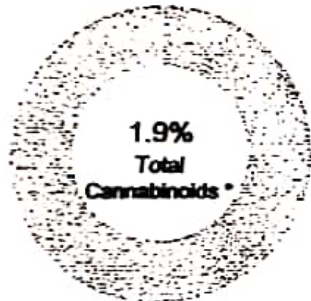
3) USP exposure limits based on daily oral dosing of 1g of concentrate for a 110 lb person.

prepared for: RAD EXTRACTION  
18975 SHILOH RANCH DR.  
COLORADO SPRINGS, CO 80908

SL310

Batch ID:	N/A	60 ml	30 ml
Reported:	29-Jun-2018	.927 s.g	.927 s.g
Type:	Concentrate	55.62 g	27.81 g
Test:	Potency	.019	.019
		1,056 mg	528 mg

### CANNABINOID PROFILE



1.94%

0.00%	0.00%	0.00%	1.94%	0.00%	0.00%
THCa	THC	CBDa	CBD	CBN	CBG
0 mg/g	0 mg/g	0 mg/g	18.4 mg/g	0 mg/g	0 mg/g

\* Total Potential THC 0% \*\*  
\* Total Potential CBD 1.94% \*\*

\* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa \* (0.877)) and Total CBD = CBD + (CBDa \* (0.877))

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

#### NOTES:

Free from visual mold, mildew, and foreign matter.

### FINAL APPROVAL

*K. Winterheimer*

Karen Winterheimer  
29-Jun-2018  
12:01 PM

*Chris Jungling*

Chris Jungling  
29-Jun-2018  
6:00 PM

PREPARED BY / DATE

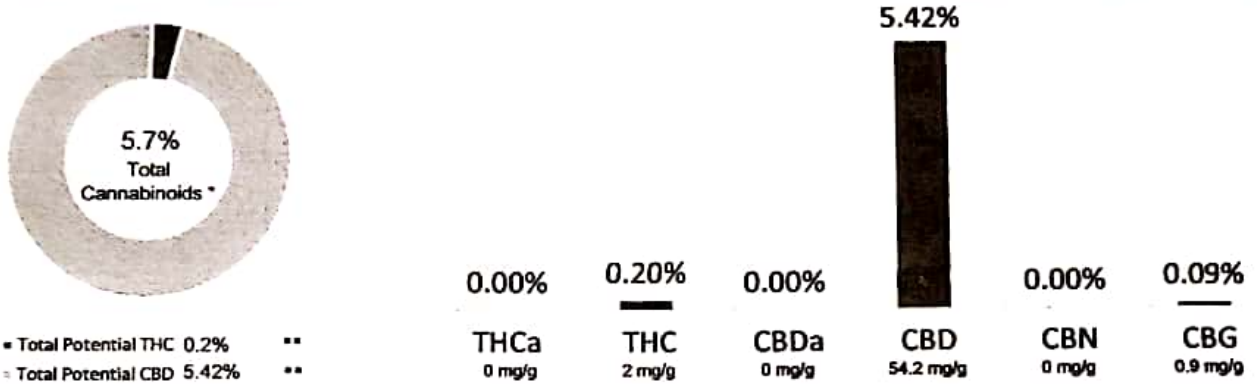
APPROVED BY / DATE

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### 100mL Bottle

Batch ID:	N/A	Test ID:	2609876.032
Reported:	14-Dec-2018	Method:	TM01
Type:	Concentrate		
Test:	Potency		

### CANNABINOID PROFILE



\* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

\*\* Total Potential THC-CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa \* (0.877)) and Total CBD = CBD + (CBDa \* (0.877))

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

#### NOTES:

Free from visual mold, mildew, and foreign matter.

### FINAL APPROVAL

*Sam Smith*  
Sam Smith  
14-Dec-2018  
4:21 PM

*David Green*  
David Green  
14-Dec-2018  
4:35 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

100ml .927 Specific gravity

OF ANALYSIS

92.7g

DENNIS CAMPBELL  
15855 Fairway Dr.  
Buena Vista, CO 81211

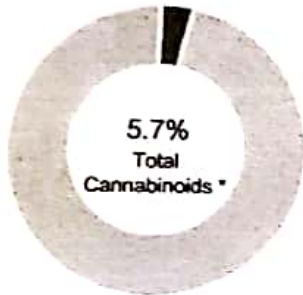
.0542

5.024 = 5.024mg CBD

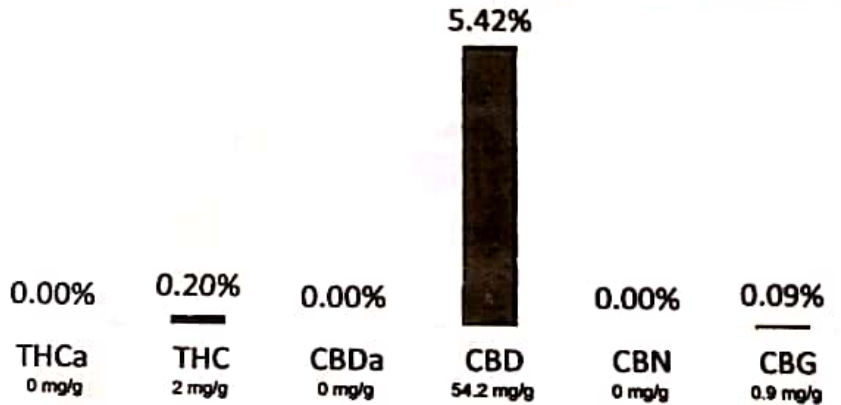
100mL Bottle

Batch ID: N/A  
Reported: 14-Dec-2018  
Type: Concentrate  
Test: Potency

## CANNABINOID PROFILE



■ Total Potential THC 0.2% \*\*  
■ Total Potential CBD 5.42% \*\*



\* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa \* (0.877)) and Total CBD = CBD + (CBDa \* (0.877))

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

NOTES:

Free from visual mold, mildew, and foreign matter.

## FINAL APPROVAL

*Samantha Smith*

Sam Smith  
14-Dec-2018  
4:21 PM

*David Green*

David Green  
14-Dec-2018  
4:35 PM

PREPARED BY / DATE

APPROVED BY / DATE

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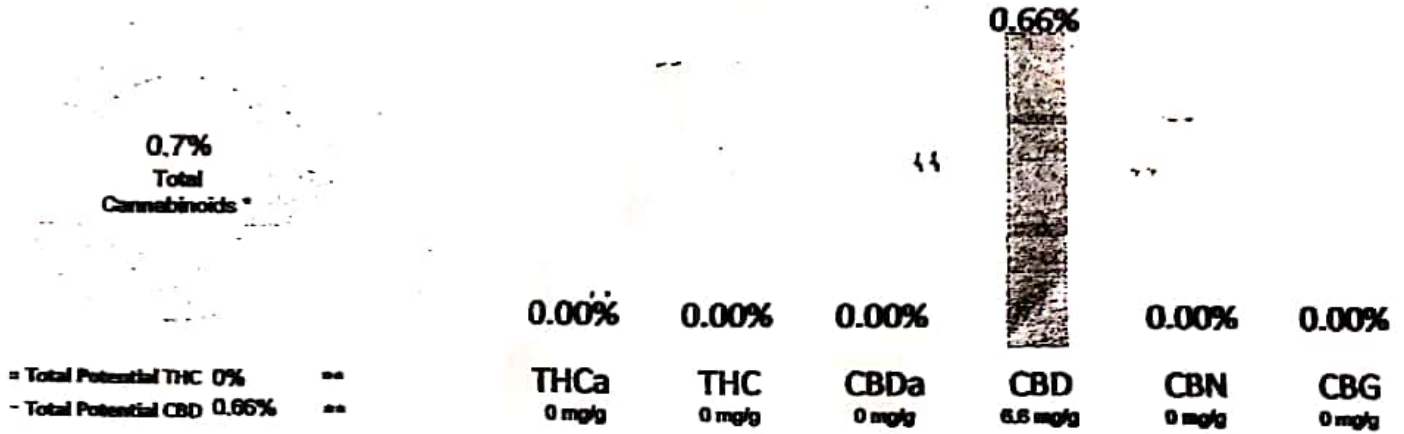
7LC

Solve

Batch ID: N/A  
Reported: 31-Jul-2018  
Type: Concentrate  
Test: Potency  
Lot: 7014

3.7 oz  
20.37 g/oz  
105g  
.066  
6.93g = 693mg

CANNABINOID PROFILE



\* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.  
\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.  
Total THC = THC + (THCa \* (0.877)) and Total CBD = CBD + (CBDa \* (0.877))  
% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

NOTES:  
Free from visual mold, mildew, and foreign matter.

FINAL APPROVAL

Sam Smith  
31-Jul-2018  
1:32 PM

Mike Branvold  
31-Jul-2018  
2:20 PM

PREPARED BY / DATE

APPROVED BY / DATE

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