



Anova Laboratory, LLC  
 1685 Tucker Road  
 Hood River, OR 97031  
 541.387.4020 (office)  
 866.293.1337 (fax)

## Certificate of Analysis

Simple Beverages  
 1274 Country Club Rd.  
 Hood River, OR 97031  
 Craig Graffius  
 Lic Num: 1301310

Strain:  
 Matrix: **Hemp Fiber**  
 CTS Batch #:  
 Lot Number: **Hemp Fiber**  
 Lot Size (lb):  
 Client CTS Sample ID: 20170627\_02  
 Collected: 6/27/2017 10:20  
 Received: 6/27/2017 10:20  
 Anova Sample ID: 052171780102

Analysis Performed	Date Analyzed	Result	fn	Reporting Units	Reporting Criterion	Pass/Fail
<b>Giese 2015</b>						
Cannabidiol (CBD) by HPLC	6/28/2017	<b>0.81</b>		% Mass	n/a	n/a
Cannabidiolic acid (CBDA) by HPLC	6/28/2017	<b>1.04</b>		% Mass	n/a	n/a
Cannabinol (CBN) by HPLC				% Mass	n/a	n/a
delta-9-Tetrahydrocannabinol (d9-THC) by HPLC	6/28/2017	<b>&lt; 0.06</b>		% Mass	n/a	n/a
delta-9-Tetrahydrocannabinolic acid (d9-THCA) by HPLC				% Mass	n/a	n/a
Total CBD (Calculated)	6/28/2017	<b>1.72</b>		% Mass	n/a	n/a
Total THC (Calculated)				% Mass	n/a	n/a

**Footnotes:**

\*\* NOT FOR COMPLIANCE \*\*

Acceptance criteria are found in the Oregon Administrative Rule. Analyses are performed in accordance with the most current methods.

Potency results reported on a dry weight basis.

**Reviewed By:** J. Fetkenhour, Technical Director

**Date:** 7/3/2017

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*These results pertain only to the representative sample submitted for analysis.*

*Anova Laboratory, LLC - OLCC Lic. No. 10010169AD1 ORELAP Accreditation No. 4098*

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## Certificate of Analysis

Simple Beverages  
 1274 Country Club Rd.  
 Hood River, OR 97031  
 Craig Graffius  
 Lic Num: 1301310

Strain:  
 Matrix: MCT Oil  
 CTS Batch #:  
 Lot Number: Coconut MCT Oil  
 Lot Size (lb):  
 Client CTS Sample ID: 20170627\_01  
 Collected: 6/27/2017 10:15  
 Received: 6/27/2017 10:20  
 Anova Sample ID: 052171780101

Analysis Performed	Date Analyzed	Result	fn	Reporting Units	Reporting Criterion	Pass/Fail
AOAC Method 2007.1						
Abamectin (CAS# 71751-41-2)	7/7/2017	< 500		ppb (ng/g)	500 max	Pass
Acephate (CAS# 30560-19-1)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Acequinocyl (CAS# 57960-19-7)	7/7/2017	< 2000		ppb (ng/g)	2000 max	Pass
Acetamiprid (CAS# 135410-20-7)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Aldicarb (CAS# 116-06-3)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Azoxystrobin (CAS# 131860-33-8)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Bifenazate (CAS# 149877-41-8)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Bifenthrin (CAS# 82657-04-3)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Boscalid (CAS# 188425-85-6)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Carbaryl (CAS# 63-25-2)	7/7/2017	< 200		ppb (n/g)	200 max	Pass
Carbofuran (CAS# 1563-66-2)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Chlorantraniliprole (CAS# 500008-45-7)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Chlorfenapyr (CAS# 122453-73-0)	7/7/2017	< 1000		ppb (ng/g)	1000 max	Pass
Chlorpyrifos (CAS# 2921-88-2)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Clofentezine (CAS# 74115-24-5)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Cyfluthrin (Baythroid) (CAS# 68359-37-5)	7/7/2017	< 1000		ppb (ng/g)	1000 max	Pass
Cypermethrin (CAS# 52315-07-8)	7/7/2017	< 1000		ppb (ng/g)	1000 max	Pass
Daminozide (CAS# 1596-84-5)	7/7/2017	< 1000		ppb (ng/g)	1000 max	Pass
DDVP (Dichlorvos) (CAS# 62-73-7)	7/7/2017	< 1000		ppb (ng/g)	1000 max	Pass
Diazinon (CAS# 333-41-5)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Dimethoate (CAS# 60-51-5)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Ethoprophos (CAS# 13194-48-4)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Etofenprox (CAS# 80844-07-1)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Etoxazole (CAS#153233-91-1)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass

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 Lot Number: Coconut MCT Oil  
 Lot Size (lb):  
 Client CTS Sample ID: 20170627\_01  
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 Received: 6/27/2017 10:20  
 Anova Sample ID: 052171780101

Analysis Performed	Date Analyzed	Result	fn	Reporting Units	Reporting Criterion	Pass/Fail
Fenoxycarb (CAS# 79127-80-3 or 72490-01-8)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Fenpyroximate (CAS# 134098-61-6)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Fipronil (CAS# 120068-37-3)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Flonicamid (CAS# 158062-67-0)	7/7/2017	< 1000		ppb (ng/g)	1000 max	Pass
Fludioxonil (CAS# 131341-86-1)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Hexythiazox (CAS#78587-05-0)	7/7/2017	< 1000		ppb (ng/g)	1000 max	Pass
Imazalil (CAS# 35554-44-0)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Imidacloprid (CAS# 138261-41-3)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Kresoxim-methyl (CAS#143390-89-0)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Malathion (CAS# 121-75-5)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Metalaxyl (CAS# 57837-19-1)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Methiocarb (CAS#2032-65-7)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Methomyl (CAS# 16752-77-5)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Methyl parathion (CAS# 298-00-0)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
MGK-264 (CAS# 113-48-4)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Myclobutanil (Systhane) (CAS# 88671-89-0)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Naled (Dibrom) (CAS# 300-76-5)	7/7/2017	< 500		ppb (ng/g)	500 max	Pass
Oxamyl (CAS# 23135-22-0)	7/7/2017	< 1000		ppb (ng/g)	1000 max	Pass
Paclobutranzol (CAS#76738-62-0)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Permethrins (-cis) (39%) (CAS#52645-53-1)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Permethrins (-trans) (59%) (CAS# 51877-74-8)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Phosmet (Imidan) (CAS# 732-11-6)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Piperonyl butoxide (CAS# 51-03-6)	7/7/2017	< 2000		ppb (ng/g)	2000 max	Pass
Prallethrin (CAS# 23031-36-9)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Propiconazole (CAS# 60207-90-1)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass

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 Anova Sample ID: 052171780101

Analysis Performed	Date Analyzed	Result	fn	Reporting Units	Reporting Criterion	Pass/Fail
Propoxur (Baygon) (CAS# 114-26-1)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Pyrethrin - Cinerin 1 (CAS# 8003-34-7 / 25402-06-6)	7/7/2017	< 1000		ppb (ng/g)	1000 max	Pass
Pyrethrin - Jasmolin 1 (CAS# 8003-34-7 / 4466-14-2)	7/7/2017	< 1000		ppb (ng/g)	1000 max	Pass
Pyrethrin - Pyrethrin 1 (CAS# 8003-34-7 / 121-21-1)	7/7/2017	< 1000		ppb (ng/g)	1000 max	Pass
Pyridaben (CAS# 96489-71-3)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Spinosad A (CAS# 168316-95-8)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Spinosad D (CAS# 168316-95-8)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Spiromesifen (CAS# 283594-90-1)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Spirotetramat (CAS# 23313-25-1)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Spiroxamine II (CAS# 11834-30-8)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Spiroxamine I (CAS# 11834-30-8)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Tebuconazole (Folicur) (CAS# 107534-96-3)	7/7/2017	< 400		ppb (ng/g)	400 max	Pass
Thiacloprid (CAS# 11988-49-9)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Thiamethoxam (CAS# 153719-23-4)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass
Trifloxystrobin (CAS# 141517-21-7)	7/7/2017	< 200		ppb (ng/g)	200 max	Pass

**Footnotes:**

Acceptance criteria are found in the Oregon Administrative Rule. Analyses are performed in accordance with the most current methods.

Pesticide analyses outsourced to Synergistic Pesticide Laboratory, LLC (Lic. # 010-1003723B074), an OLCC licensed ORELAP accredited laboratory.

Reviewed By: J. Fetkenhour, Technical Director

Date: 7/10/2017

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Lot ID: 061617E1

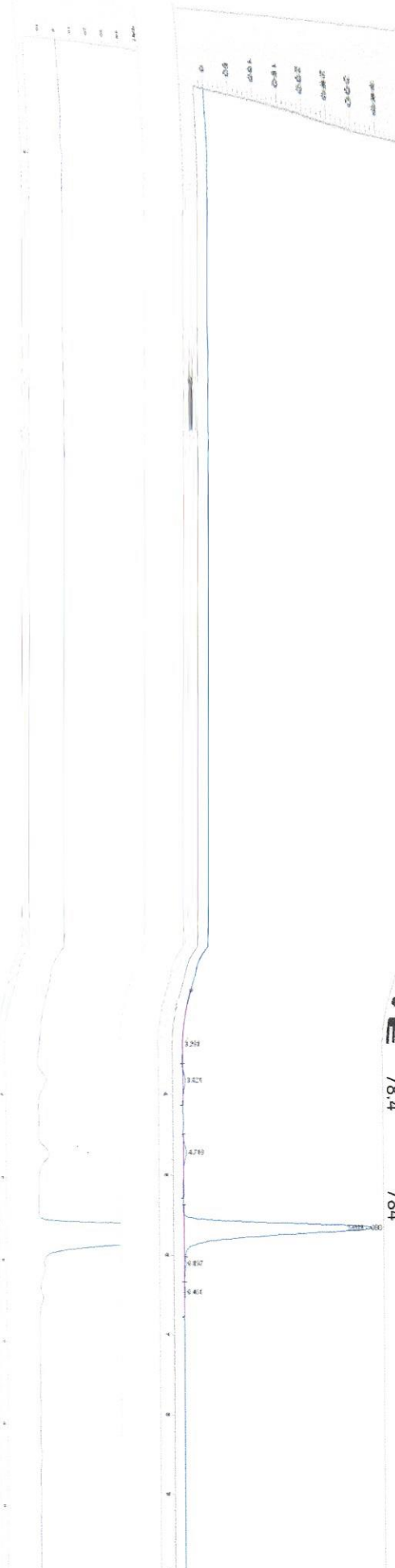
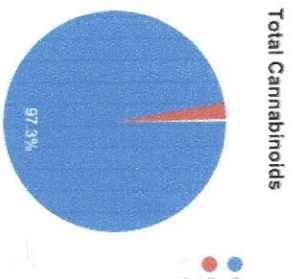
DATE: 6/16/2017

Batch No. COM117-06

Phytocannabinoid Rich Hemp Oil, Zero THC

### GENUINE RESULTS

Component	Wt. (%)	(mg/g)
CB	76.9	769
CB	< 0.1	< 1.0
CBD	< 0.1	< 0.1
CBE	< 0.1	< 0.1
CBN	< 0.1	< 1.0
THC	ND	ND
THC-A	< 0.1	< 1.0
CBD-A	ND	ND
MAX T	1.80	18.0
MAX C	ND	ND
TOTAL	78.4	784
ACTIVE	78.4	784





# Folium Biosciences



# Folium Biosciences

TEST ID: 053017JB  
 OIL BATCH No.: COWSP17-12  
 TYPE: Water Soluble CBD Powder

DATE: 5/31/2017

TEST ID: 053017JB  
 OIL BATCH No.: COWSP17-12  
 TYPE: Water Soluble CBD Powder

DATE: 5/31/2017

### POTENCY RESULTS

	Wt. (%)	(mg/g)
CBD	20.9	209
CBG	ND	ND
CBN	ND	ND
THC	ND	ND
CBC	ND	ND
THC-A	ND	ND
CBD-A	0.30	3.0
MAX THC	ND	ND
MAX CBD	20.9	208.6
TOTAL ACTIVE	21.1	211.2

### VISUAL INSPECTION

Beige amorphous powder

### TERPENES RESULTS

	Wt. (%)	Wt. (%)	
β-Bisabolene	0.2-0.6	Camphene	< 0.1
β-Farnesene	0.2-0.4	E-Farnesene	< 0.1
Guaiol	0.1-0.4	Farnesol	< 0.1
β-Maallene	0.1-0.4	α-Bisabolol	< 0.1
Calarene	0.1-0.2	P-Cymene	< 0.1
β-Caryophyllene	< 0.1	Linalool	< 0.1
α-Humulene	< 0.1	Myrcene	< 0.1
Cadinene	< 0.1	Phytol	< 0.1
α-Gurjunene	< 0.1	Isopulegol	< 0.1
d-Limonene	< 0.1	Terpinene	< 0.1
Nerolidol	< 0.1	Geraniol	< 0.1
α-Pinene	< 0.1	Myrcene	< 0.1
Aristolene	< 0.1	γ-Terpinene	< 0.1
Eucalyptol	< 0.1	δ-3-Carene	< 0.1

### RESIDUAL SOLVENTS RESULTS

Propane	Not Detected	Pentane	Not Detected
Isobutane	Not Detected	Isopropanol	Not Detected
Butane	Not Detected	Hexane	Not Detected
Ethanol	Not Detected	Acetone	Not Detected

### PESTICIDES RESULTS

Acequinocyl	Not Detected	Spinosad	Not Detected
Pyrethrinum	Not Detected	Spirotetramat	Not Detected
Spiromesifen	Not Detected	Bifenazate	Not Detected
Abamectin	Not Detected	Fenoxycarb	Not Detected
Imidacloprid	Not Detected	Paclitaxel	Not Detected

### HEAVY METALS

Cadmium	Not Detected
Lead	Not Detected
Arsenic	Not Detected
Mercury	Not Detected

### LAB INFORMATION

Folium Biosciences  
 828 Wooten Road  
 Colorado Springs, CO 80915

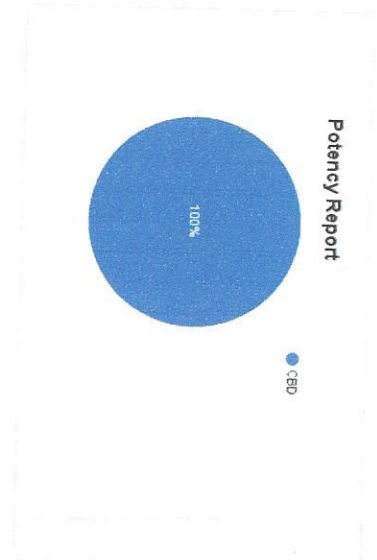
Raj Gupta, Ph.D., Lab Director  
 info@foliumbiosciences.com  
 www.foliumbiosciences.com

TEST ID: 092316SB  
 OIL BATCH No.: LINO16-12  
 TYPE: Phytocannabinoid Rich Hemp Oil

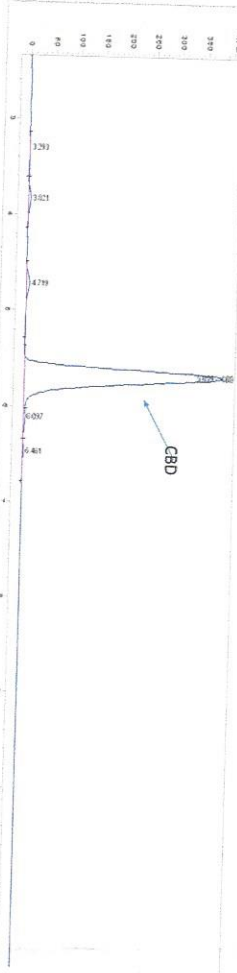
DATE: 9/23/2016

**POTENCY RESULTS**

	Wt. (%)	(mg/g)
CBD	80.50	805.0
CBG	< 0.1	< 1.0
CBN	< 0.1	< 1.0
THC	Absent	Absent
CBC	< 0.1	< 1.0
THC-A	Absent	Absent
CBD-A	< 0.1	< 1.0
MAX THC	Absent	Absent
MAX CBD	80.5	805.0
TOTAL ACTIVE	80.5	805.0



**Full-View Chromatogram**



**Magnified Chromatogram**



**VISUAL INSPECTION**

Clear, amber oil (liquefies upon heating at 70C, if in solid form)

**LAB INFORMATION**  
 Folium Biosciences  
 828 Wooten Road  
 Colorado Springs, CO 80915

Raj Gupta, Ph.D., Lab Director  
 info@foliumbiosciences.com  
 www.foliumbiosciences.com

TEST ID: 092316SB  
 OIL BATCH No.: LINO16-12  
 TYPE: Phytocannabinoid Rich Hemp Oil

DATE: 9/23/2016

**TERPENES RESULTS**

	Wt. (%)		Wt. (%)
d-Limonene	0.1-0.5	Myrcene	< 0.1
Eucalyptol	0.1-0.2	α-Bisabolol	< 0.1
α-Humulene	0.1-1.0	Phytol	< 0.1
α-Pinene	0.1-0.5	Linalool	< 0.1
β-Caryophyllene	0.1-1.0	Nerolidol	< 0.1

**RESIDUAL SOLVENTS RESULTS**

Propane	Not Detected	Pentane	Not Detected
Isobutane	Not Detected	Isopropanol	Not Detected
Butane	Not Detected	Hexane	Not Detected
Ethanol	Not Detected	Acetone	Not Detected

**PESTICIDES RESULTS**

Acequinocyl	Not Detected	Spinosad	Not Detected
Pyrethrinum	Not Detected	Spirotetramat	Not Detected
Spiromesifen	Not Detected	Bifenazate	Not Detected
Abamectin	Not Detected	Fenoxycarb	Not Detected
Imidacloprid	Not Detected	Paclitaxel	Not Detected

**HEAVY METALS**

Cadmium	Not Detected
Lead	Not Detected
Arsenic	Not Detected
Mercury	Not Detected

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