Sample ID: CW38430S02

Batch ID:

Batch Des.:

REGULATORY COMPLIANCE TESTING

COMPLIANCE CERTIFICATE OF ANALYSIS

MFD19-0016 Made From Dirt - Peppermint Pain Salve 1:1 Distributor Name: Capital Cocoa, Inc. Distributor Address: 8135 Capwell Dr. Oakland CA 94621

Distributor License No. C11-0001013-LIC Manufacturer Name: Fluid South Inc. Manufacturer Address: 3560 Cadillac Ave. Costa Mesa, CA 92626

Manufacturer License No. CDPH-10003729
CW ANALYTICAL LABORATORIES | 510.545.6984 | 851 81st Avenue, Suite D, Oakland, CA 94621 | License No. C8-0000077-LIC

Client Username: soldistro

CW Collection ID: CWC66210028B02

Primary Sample Size: 5.0 units 2019-10-09 Date Sampled: Date Received: 2019-10-09 **Date Expires:** 2020-10-09

Total Batch Weight/Count: 500 units Product Weight(s): 55.84g

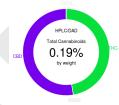
Date Reviewed: October 15, 2019 Sample Type: Lotions (Non Inhalable)

Overall Batch Status - Pass



Profiling by Liquid Chromatography - Pass

(SOP-014) Date Performed:	2019-10-10					
Cannabinoid	Percent	mg/g	Total mg ^A	LOQ (mg/g)	LOD (mg/g)	L.C. ^{A1} Status
d9-THC	0.09	0.91	50.90	0.05	0.02	- Pass
d8-THC	ND^1	ND^1	ND ¹	0.05	0.02	- Pass
THCA	ND^1	ND^1	ND^1	0.05	0.02	- Pass
THCV	ND^1	ND^1	ND^1	0.05	0.02	- Pass
THCVA	ND^1	ND^1	ND^1	0.05	0.02	- Pass
CBG	ND^1	ND^1	ND^1	0.05	0.02	- Pass
CBGA	ND^1	ND^1	ND ¹	0.05	0.02	- Pass
CBN	ND^1	ND^1	ND ¹	0.05	0.02	- Pass
CBD	0.10	0.95	53.31	0.05	0.02	- Pass
CBDV	ND^1	ND^1	ND ¹	0.05	0.02	- Pass
CBDA	ND ¹	ND^1	ND ¹	0.05	0.02	- Pass
Total	0.19	1.870	104.21	NA	NA	-
Total THC	0.09	0.91	50.90	-	-	- Pass
Total CBD	0.10	0.95	53.31	-	-	- Pass



¹ND = Not Detected

Microbiological Screening - Pass Petriflim screening for microbiological contamination. [SOP-009] | Date Performed: 2019-10-09

Analysis

ND

	Analysis	Limit of Detection	Action Limits	Status
Shiga-Toxin E. Coli	ND	< 1 cfu/g	1 cfu/g	Pass
Salmonella	ND	< 1 cfu/g	1 cfu/g	Pass
Pseudomonas	ND	< 1 cfu/g	1 cfu/g	Pass
APC	ND	< 1 cfu/g	100000 cfu/g	Pass
E. Coli	ND	< 1 cfu/g	10 cfu/g	Pass
Coliform	ND	< 1 cfu/g	500 cfu/g	Pass

< 1 cfu/g

Yeast & Mold

Residual Solvent Analysis - Pass

Analysis of residual solvents. [SOP-			100.	LOD	Status	
Solvent	ug/g	Action Limit (ug/g)	LOQ (ug/g)	LOD (ug/g)	Status	
Benzene	ND^1	1.0	1.00	0.33	Pass	
Chloroform	ND^1	1.0	1.00	0.33	Pass	
1-2-Dichloroethane	ND ¹	1.0	1.00	0.33	Pass	
Ethylene Oxide	ND ¹	1.0	1.00	0.33	Pass	
Methylene Chloride	ND ¹	1.0	1.00	0.33	Pass	
Trichloroethylene	ND ¹	1.0	1.00	0.33	Pass	
Acetone	ND ¹	5000	150.00	10.00	Pass	
Acetonitrile	ND ¹	410	6.00	2.30	Pass	
Ethanol	ND^1	N/A	250.00	2.00	N/A	
Ethyl Acetate	ND^1	5000	250.00	2.00	Pass	
Diethyl ether	ND^1	5000	250.00	2.00	Pass	
Heptane	ND^1	5000	250.00	2.00	Pass	
Hexane	ND^1	290	6.00	2.00	Pass	
Isopropanol	ND^1	N/A	50.00	10.00	Pass	
Methanol	ND^1	3000	50.00	10.00	Pass	
N-Butane	ND^1	5000	50.00	6.50	Pass	
Pentane	<loq< td=""><td>5000</td><td>50.00</td><td>1.00</td><td>Pass</td><td></td></loq<>	5000	50.00	1.00	Pass	
Propane	ND^1	5000	200.00	10.00	Pass	
Toluene	ND^1	890	3.00	1.00	Pass	
Total Xylenes	84.8	2170	3.00	1.00	Pass	

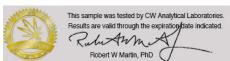
¹ND = Not Detected

CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgment. However, CW makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. All LQC samples required by § 5730 were performed and met the acceptance criteria required by California Code of Regulations Title 16 Division 42. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab@cwanalytical.com // CWLIMS v2.0 // Printed: November 06, 2019 [Page 1 of 3]



Action Limita

10000 cfu/g



Pass

^{**}NLC. = Label Claim in mg/g

^* Total THC = ((THCA*0.877)+ d9-THC) / Total CBD = ((CBDA*0.877)+ CBD)

HPLC/DAD results are not moisture normalized. / ~100% Decarboxylated THC

Sample ID: CW38430S02

Batch ID:

Batch Des.:

Client Username:

REGULATORY COMPLIANCE TESTING

MFD19-0016 Made From Dirt - Peppermint Pain Salve 1:1

soldistro

CW Collection ID: CWC66210028B02

Primary Sample Size: 5.0 units 2019-10-09 Date Sampled: Date Received: 2019-10-09 **Date Expires:** 2020-10-09 **Total Batch Weight/Count:** 500 units

Product Weight(s): 55.84g

Date Reviewed: October 15, 2019 Sample Type: Lotions (Non Inhalable) **COMPLIANCE CERTIFICATE OF ANALYSIS**

Distributor Name: Capital Cocoa, Inc. Distributor Address: 8135 Capwell Dr. Oakland CA 94621 Distributor License No. C11-0001013-LIC Manufacturer Name: Fluid South Inc.

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CW ANALYTICAL LABORATORIES | 510.545.6984 | 851 81st Avenue, Suite D, Oakland, CA 94621 | License No. C8-0000077-LIC

Overall Batch Status - Pass



Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-017] | Date Performed: 2019-10-11

Limit (ug/g) Abamectin ND¹ 0.04 0.02 0.30 Pass Fludioxonil ND¹ 0.08 0.04 30.00 Pass Acephate ND¹ 0.08 0.04 5.00 Pass Hexythiazox ND¹ 0.04 0.02 2.00 Pass Acequinocyl ND¹ 0.04 0.02 4.00 Pass Imazalil ND¹ 0.04 0.02 0.00 Pass Acetamiprid ND¹ 0.02 0.01 5.00 Pass Imidacloprid ND¹ 0.10 0.04 3.00 Pass Aldicarb ND¹ 0.04 0.02 0.00 Pass Kresoxim-methyl ND¹ 0.10 0.04 1.00 Pass Azoxystrobin ND¹ 0.02 0.01 40.00 Pass Metalaxyl ND¹ 0.04 0.02 5.00 Pass Bifenthrin ND¹ 0.04 0.02 0.00 Pass Methiocarh ND¹ 0.04	5	Status	/g) Action	/g)LOD (ug	LOQ (ug	ug/g		Status	/g) Action	g/g)LOD (ug	LOQ (ug	ug/g	
Acephate ND¹ 0.08 0.04 5.00 Pass Hexythiazox ND¹ 0.04 0.02 2.00 Pass Acequinocyl ND¹ 0.04 0.02 4.00 Pass Imazalil ND¹ 0.04 0.02 0.00 Pass Acetamiprid ND¹ 0.02 0.01 5.00 Pass Imidacloprid ND¹ 0.10 0.04 3.00 Pass Aldicarb ND¹ 0.04 0.02 0.00 Pass Kresoxim-methyl ND¹ 0.10 0.04 1.00 Pass Azoxystrobin ND¹ 0.02 0.01 40.00 Pass Malathion ND¹ 0.04 0.02 5.00 Pass Bifenazate ND¹ 0.02 0.01 5.00 Pass Metalaxyl ND¹ 0.04 0.02 15.00 Pass			Limit (ug/g)						Limit (ug/g)				
Acequinocyl ND¹ 0.04 0.02 4.00 Pass Imazalil ND¹ 0.04 0.02 0.00 Pass Acetamiprid ND¹ 0.02 0.01 5.00 Pass Imidacloprid ND¹ 0.10 0.04 3.00 Pass Aldicarb ND¹ 0.04 0.02 0.00 Pass Kresoxim-methyl ND¹ 0.10 0.04 1.00 Pass Azoxystrobin ND¹ 0.02 0.01 40.00 Pass Malathion ND¹ 0.04 0.02 5.00 Pass Bifenazate ND¹ 0.02 0.01 5.00 Pass Metalaxyl ND¹ 0.04 0.02 15.00 Pass		Pass	30.00	0.04	0.08	ND ¹	Fludioxonil	Pass	0.30	0.02	0.04	ND ¹	Abamectin
Acequinocyl ND ¹ 0.04 0.02 4.00 Pass Imazalil ND ¹ 0.04 0.02 0.00 Pass Acetamiprid ND ¹ 0.02 0.01 5.00 Pass Imidacloprid ND ¹ 0.10 0.04 3.00 Pass Aldicarb ND ¹ 0.04 0.02 0.00 Pass Kresoxim-methyl ND ¹ 0.10 0.04 1.00 Pass Azoxystrobin ND ¹ 0.02 0.01 40.00 Pass Malathion ND ¹ 0.04 0.02 5.00 Pass Bifenazate ND ¹ 0.02 0.01 5.00 Pass Metalaxyl ND ¹ 0.04 0.02 15.00 Pass		Pass	2.00	0.02	0.04	ND ¹	Hexythiazox	Pass	5.00	0.04	0.08	ND^1	Acephate
Aldicarb ND¹ 0.04 0.02 0.00 Pass Kresoxim-methyl ND¹ 0.10 0.04 1.00 Pass Azoxystrobin ND¹ 0.02 0.01 40.00 Pass Malathion ND¹ 0.04 0.02 5.00 Pass Bifenazate ND¹ 0.02 0.01 5.00 Pass Metalaxyl ND¹ 0.04 0.02 15.00 Pass		Pass	0.00	0.02	0.04	ND^1	Imazalil		4.00	0.02	0.04	ND^1	Acequinocyl
Azoxystrobin ND¹ 0.02 0.01 40.00 Pass Malathion ND¹ 0.04 0.02 5.00 Pass Bifenazate ND¹ 0.02 0.01 5.00 Pass Metalaxyl ND¹ 0.04 0.02 15.00 Pass		Pass	3.00	0.04	0.10	ND^1	Imidacloprid	Pass	5.00	0.01	0.02	ND^1	Acetamiprid
Bifenazate ND ¹ 0.02 0.01 5.00 Pass Metalaxyl ND ¹ 0.04 0.02 15.00 Pass		Pass	1.00	0.04	0.10		Kresoxim-methyl	Pass	0.00	0.02	0.04		Aldicarb
		Pass	5.00	0.02	0.04	ND^1	Malathion	Pass	40.00	0.01	0.02	ND^1	Azoxystrobin
Bifenthrin ND ¹ 0.08 0.04 0.50 Pass Methiocarb ND ¹ 0.04 0.02 0.00 Pass		Pass	15.00	0.02	0.04	ND ¹	Metalaxyl	Pass	5.00	0.01	0.02	ND^1	Bifenazate
		Pass	0.00	0.02	0.04	ND^1	Methiocarb	Pass	0.50	0.04	0.08	ND^1	Bifenthrin
Boscalid ND ¹ 0.04 0.02 10.00 Pass Methomyl ND ¹ 0.08 0.04 0.10 Pass		Pass	0.10	0.04	0.08	ND^1	Methomyl	Pass	10.00	0.02	0.04	ND^1	Boscalid
Captan ND ¹ 0.04 0.02 5.00 Pass Mevinphos ND ¹ 0.08 0.04 0.00 Pass		Pass	0.00	0.04	0.08	ND^1	Mevinphos	Pass	5.00	0.02	0.04	ND^1	Captan
Carbaryl ND ¹ 0.04 0.02 0.50 Pass Myclobutanil ND ¹ 0.10 0.04 9.00 Pass		Pass	9.00	0.04	0.10	ND^1	Myclobutanil	Pass	0.50	0.02	0.04	ND^1	
Carbofuran ND ¹ 0.04 0.02 0.00 Pass Naled ND ¹ 0.02 0.01 0.50 Pass		Pass	0.50	0.01	0.02	ND^1	Naled	Pass	0.00	0.02	0.04	ND^1	Carbofuran
Chlorantraniliprole ND ¹ 0.08 0.04 40.00 Pass Oxamyl ND ¹ 0.04 0.02 0.20 Pass		Pass	0.20	0.02	0.04	ND^1	Oxamyl	Pass	40.00	0.04	0.08	ND^1	Chlorantraniliprole
Chlordane ND ¹ 0.10 0.04 0.00 Pass Paclobutrazol ND ¹ 0.04 0.02 0.00 Pass		Pass	0.00	0.02	0.04	ND^1	Paclobutrazol	Pass	0.00	0.04	0.10	ND^1	Chlordane
Chlorfenapyr ND ¹ 0.10 0.04 0.00 Pass Parathion methyl ND ¹ 0.04 0.02 0.00 Pass		Pass	0.00	0.02	0.04	ND^1	Parathion methyl	Pass	0.00	0.04	0.10	ND^1	Chlorfenapyr
Chlorpyrifos ND ¹ 0.08 0.04 0.00 Pass PCNB ND ¹ 0.02 0.01 0.20 Pass		Pass	0.20	0.01	0.02	ND^1	PCNB	Pass	0.00	0.04	0.08	ND^1	Chlorpyrifos
Clofentezine ND ¹ 0.02 0.01 0.50 Pass Permethrin ND ¹ 0.10 0.04 20.00 Pass		Pass	20.00	0.04	0.10	ND ¹	Permethrin	Pass	0.50	0.01	0.02	ND^1	Clofentezine
Coumaphos ND ¹ 0.04 0.02 0.00 Pass Phosmet ND ¹ 0.04 0.02 0.20 Pass		Pass	0.20	0.02	0.04	ND ¹	Phosmet	Pass	0.00	0.02	0.04	ND ¹	Coumaphos
Cyfluthrin ND ¹ 0.10 0.04 1.00 Pass Piperonyl butoxide ND ¹ 0.10 0.04 8.00 Pass		Pass	8.00	0.04	0.10	ND^1	Piperonyl butoxide	Pass	1.00	0.04	0.10	ND ¹	Cyfluthrin
Cypermethrin ND ¹ 0.10 0.04 1.00 Pass Prallethrin ND ¹ 0.10 0.04 0.40 Pass		Pass	0.40	0.04	0.10		Prallethrin	Pass	1.00	0.04	0.10	ND^1	Cypermethrin
Daminozide ND ¹ 0.08 0.04 0.00 Pass Propiconazole ND ¹ 0.08 0.04 20.00 Pass		Pass	20.00	0.04	0.08		Propiconazole	Pass	0.00	0.04	0.08	ND^1	Daminozide
Diazinon ND ¹ 0.02 0.01 0.20 Pass Propoxur ND ¹ 0.02 0.01 0.00 Pass		Pass	0.00	0.01	0.02		Propoxur	Pass	0.20	0.01	0.02	ND^1	Diazinon
Dichlorvos ND ¹ 0.01 0.01 0.00 Pass Pyrethrin ND ¹ 0.04 0.01 1.00 Pass		Pass	1.00	0.01	0.04		Pyrethrin	Pass	0.00	0.01	0.01	ND ¹	Dichlorvos
Dimethoate ND ¹ 0.04 0.02 0.00 Pass Pyridaben ND ¹ 0.04 0.02 15.00 Pass		Pass	15.00	0.02	0.04		Pyridaben	Pass	0.00	0.02	0.04		Dimethoate
Dimethomorph ND ¹ 0.04 0.02 20.00 Pass Spinetoram ND ¹ 0.08 0.04 3.00 Pass		Pass	3.00	0.04	0.08		Spinetoram	Pass	20.00	0.02	0.04		Dimethomorph
Ethoprophos ND ¹ 0.02 0.01 0.00 Pass Spinosad ND ¹ 0.04 0.02 3.00 Pass		Pass	3.00	0.02	0.04	ND^1	Spinosad	Pass	0.00	0.01	0.02		Ethoprophos
Etofenprox ND ¹ 0.04 0.02 0.00 Pass Spiromesifen ND ¹ 0.08 0.04 12.00 Pass		Pass	12.00	0.04	0.08		Spiromesifen	Pass	0.00	0.02	0.04		Etofenprox
Etoxazole ND ¹ 0.04 0.02 1.50 Pass Spirotetramat ND ¹ 0.04 0.02 13.00 Pass		Pass	13.00	0.02	0.04		Spirotetramat	Pass	1.50	0.02	0.04		Etoxazole
Fenhexamid ND ¹ 0.08 0.04 10.00 Pass Spiroxamine ND ¹ 0.04 0.02 0.00 Pass		Pass	0.00	0.02	0.04		Spiroxamine	Pass	10.00	0.04	0.08		Fenhexamid
Fenoxycarb ND ¹ 0.04 0.02 0.00 Pass Tebuconazole ND ¹ 0.08 0.04 2.00 Pass		Pass	2.00	0.04	0.08		Tebuconazole	Pass	0.00	0.02	0.04		Fenoxycarb
Fenpyroximate ND ¹ 0.08 0.04 2.00 Pass Thiacloprid ND ¹ 0.04 0.02 0.00 Pass		Pass	0.00	0.02	0.04		Thiacloprid	Pass	2.00	0.04	0.08		Fenpyroximate
Fipronil ND ¹ 0.08 0.04 0.00 Pass Thiamethoxam ND ¹ 0.04 0.02 4.50 Pass		Pass	4.50	0.02	0.04		Thiamethoxam	Pass	0.00	0.04	0.08		Fipronil
Flonicamid ND ¹ 0.04 0.02 0.20 Pass Trifloxystrobin ND ¹ 0.01 0.01 30.00 Pass		Pass	30.00	0.01	0.01	ND^1	Trifloxystrobin	Pass	0.20	0.02	0.04	ND^1	

Heavy Metals Profiling - Pass

7.1.1.1, S.1. 1.1.1, M.1.1.1, [EG. 1.1.2] [EG. 1.1.1.1]	ug/g	LOQ(ug/g)	LOD(ug/g)	Action Limit (ug/g)	Status
Cadmium	ND ¹	0.04	0.01	0.5	Pass
Lead	<loq< td=""><td>0.04</td><td>0.01</td><td>0.5</td><td>Pass</td></loq<>	0.04	0.01	0.5	Pass
Arsenic	ND^1	0.07	0.02	1.5	Pass
Mercury	ND^1	0.05	0.02	3.0	Pass
¹ ND = Not Detected					•

Water Activity -

ND = Not Detected

Αw Action Limit (Aw)

Foreign Material Analysis - Pass

Analysis to determine whether foreign material is present | Date Performed: 2019-10-09 **Analysis**

Product within acceptable limits for all foreign material criteria.

CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgm

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Pass This sample was tested by CW Analytical Laboratories Results are valid through the expirationy date indicated.

Robert Mr. A Robert W Martin, PhD

Status

these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. All LQC samples required by § 5730 were performed and met the acceptance criteria required by California Code of Regulations Title 16 Division 42. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab @cwanalytical.com // CWLIMS v2.0 // Printed: November 06, 2019 [Page 2 of 3]

Sample ID: CW38430S02

Batch ID:

Batch Des.:

REGULATORY COMPLIANCE TESTING

COMPLIANCE CERTIFICATE OF ANALYSIS

MFD19-0016

Made From Dirt - Peppermint Pain Salve 1:1

Distributor Name: Capital Cocoa, Inc. Distributor Address: 8135 Capwell Dr. Oakland CA 94621 Distributor License No. C11-0001013-LIC Manufacturer Name: Fluid South Inc.

Manufacturer Address: 3560 Cadillac Ave. Costa Mesa, CA 92626 Manufacturer License No. CDPH-10003729
CW ANALYTICAL LABORATORIES | 510.545.6984 | 851 81st Avenue, Suite D, Oakland, CA 94621 | License No. C8-0000077-LIC

Client Username: soldistro

CW Collection ID: CWC66210028B02 **Primary Sample Size:** 5.0 units

Date Sampled: 2019-10-09 Date Received: 2019-10-09 **Date Expires:** 2020-10-09 **Total Batch Weight/Count:** 500 units

Product Weight(s): 55.84g

Date Reviewed: October 15, 2019 Sample Type: Lotions (Non Inhalable)

Overall Batch Status - Pass



Mycotoxin Screening - Pass

Analysis of Mycotoxins. | Date Performed: 2019-10-11

	ug/kg	LOQ (ug/kg)	LOD (ug/kg)	Status
Aflatoxin B1	ND ¹	3.6	1.2	Pass
aflatoxin B2	ND^1	3.6	1.2	Pass
Aflatoxin G1	ND^1	3.6	1.2	Pass
Aflatoxin G2	ND^1	3.6	1.2	Pass
Ochratoxin A	ND^1	5.1	1.7	Pass
Aflatoxin sum ²	0.00	NA	NA	

¹ND = Not Detected

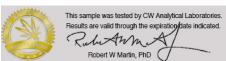
Terpene Profiling -

mg/g LOQ(mg/g)LOD(mg/g)L.C.² Status PPM LOQ(mg/g)LOD(mg/g)L.C.²

a-Pinene	NT	Terpinolene NT
Camphene	NT	Linalool
b-Myrcene	NT	Isopulegol NT
b-Pinene	NT	Geraniol NT
d3-Carene	NT	b-Caryophyllene NT
a-Terpinene	NT	a-Caryophyllene NT
a-Ocimene	NT	cis-Nerolidol NT
d-Limonene	NT	trans-Nerolidol NT
p-Cymene	NT	guaiol NT
b-Ocimene	NT	a-Bisabolol NT
g-Terpinene	NT	

Total Terpenes





²Sum of Aflatoxin B1, B2, G1, G2