



Product identity: CBD Infused Topical Oil Primary **Client/Metric ID:** EWL-2019-190919-000-15
Laboratory ID: 19-012624-0001 **Sample Date:** 10/17/19 09:41

Summary

Potency:

Analyte per 8.6g	Result	Limits	Units	Status	
CBD per 8.6g	68.9		mg/8.6g		CBD-Total per 8.6g 68.9 mg/8.6g
Analyte per 28.5g	Result	Limits	Units	Status	
CBD per 28.5g	228		mg/28.5g		THC-Total per 8.6g < 0.538 mg/8.6g
					CBD-Total per 28.5g 228 mg/28.5g
					THC-Total per 28.5g < 1.784 mg/28.5
(Reported in milligrams per serving)					

Product identity: CBD Infused Topical Oil Primary **Client/Metric ID:** EWL-2019-190919-000-15
Laboratory ID: 19-011884-0003 **Sample Date:** 10/01/19 13:20

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



Customer: EWL, LLC

Product identity: CBD Infused Topical Oil Primary
Client/Metric ID: EWL-2019-190919-000-15
Sample Date: 10/17/19 09:41
Laboratory ID: 19-012624-0001
Relinquished by: Tom Deja
Temp: 21.2 °C
Grower: AG-R1050384IHH
Client Batch ID: 190919EWL15TRO
Batch Size: 29 Gallons
Weight Received: 9 g
Serving Size #1: 8.6 g
Serving Size #2: 28.5 g



Sample Results

Potency per 8.6g			Batch: 1909534				
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBC-A per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBC-Total per 8.6g [†]	< LOQ		mg/8.6g	0.538	10/22/19	J AOAC 2015 V98-6	
CBD per 8.6g	68.9		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBD-A per 8.6g	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBD-Total per 8.6g	68.9		mg/8.6g	0.538	10/22/19	J AOAC 2015 V98-6	
CBDV per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBDV-A per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBDV-Total per 8.6g [†]	< LOQ		mg/8.6g	0.535	10/22/19	J AOAC 2015 V98-6	
CBG per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBG-A per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBG-Total per 8.6g [†]	< LOQ		mg/8.6g	0.538	10/22/19	J AOAC 2015 V98-6	
CBL per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBN per 8.6g	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
Δ8-THC per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
Δ9-THC per 8.6g	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
THC-A per 8.6g	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
THC-Total per 8.6g	< LOQ		mg/8.6g	0.538	10/22/19	J AOAC 2015 V98-6	
THCV per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
THCV-A per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
THCV-Total per 8.6g [†]	< LOQ		mg/8.6g	0.535	10/22/19	J AOAC 2015 V98-6	

Potency per 28.5g			Batch: 1909534				
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes

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Potency per 28.5g		Batch: 1909534					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBC-A per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBC-Total per 28.5g [†]	< LOQ		mg/28.5g	1.78	10/22/19	J AOAC 2015 V98-6	
CBD per 28.5g	228		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBD-A per 28.5g	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBD-Total per 28.5g	228		mg/28.5g	1.78	10/22/19	J AOAC 2015 V98-6	
CBDV per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBDV-A per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBDV-Total per 28.5g [†]	< LOQ		mg/28.5g	1.77	10/22/19	J AOAC 2015 V98-6	
CBG per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBG-A per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBG-Total per 28.5g [†]	< LOQ		mg/28.5g	1.78	10/22/19	J AOAC 2015 V98-6	
CBL per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBN per 28.5g	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
Δ8-THC per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
Δ9-THC per 28.5g	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
THC-A per 28.5g	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
THC-Total per 28.5g	< LOQ		mg/28.5g	1.78	10/22/19	J AOAC 2015 V98-6	
THCV per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
THCV-A per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
THCV-Total per 28.5g [†]	< LOQ		mg/28.5g	1.77	10/22/19	J AOAC 2015 V98-6	



Customer: EWL, LLC

Product identity: CBD Infused Topical Oil Primary
Client/Metric ID: EWL-2019-190919-000-15
Sample Date: 10/01/19 13:20
Laboratory ID: 19-011884-0003
Temp: 18.1 °C
Grower: AG-R1050384IHH
Relinquished by: Brain Ramos
Client Batch ID: 190919EWL15TRO
Serving Size #1: 8.6 g
Serving Size #2: 28.5 g

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	1908849	10/04/19	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	1908843	10/04/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1908843	10/04/19	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	1908840	10/04/19	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	1908840	10/04/19	AOAC 2014.05 (RAPID)	X

Solvents Method EPA5021A Units µg/g Batch 1908945 Analyze 10/03/19 06:49 PM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	30.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	200	pass	
Methylpropane	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl	< LOQ	2170	600	pass	

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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1909087 Analyze 10/09/19 08:43 AM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.100	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin (incl.	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclobutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.100	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes		
Arsenic	< LOQ		mg/kg	0.0468	1909013	10/07/19	AOAC 2013.06 (mod.)	X		
Cadmium	< LOQ		mg/kg	0.0468	1909013	10/07/19	AOAC 2013.06 (mod.)	X		
Lead	< LOQ		mg/kg	0.0468	1909013	10/07/19	AOAC 2013.06 (mod.)	X		
Mercury	< LOQ		mg/kg	0.0234	1909013	10/07/19	AOAC 2013.06 (mod.)	X		



Product identity: CBD Infused Topical Oil Dup
Laboratory ID: 19-012624-0002

Client/Metric ID: EWL-2019-190919-000-15
Sample Date: 10/17/19 09:41

Summary

Potency:

Analyte per 8.6g	Result	Limits	Units	Status	
CBD per 8.6g	69.7		mg/8.6g		CBD-Total per 8.6g 69.7 mg/8.6g
Analyte per 28.5g	Result	Limits	Units	Status	THC-Total per 8.6g < 0.538 mg/8.6g
CBD per 28.5g	231		mg/28.5g		CBD-Total per 28.5g 231 mg/28.5g
					THC-Total per 28.5g < 1.784 mg/28.5
(Reported in milligrams per serving)					



Customer: EWL, LLC

Product identity: CBD Infused Topical Oil Dup
Client/Metric ID: EWL-2019-190919-000-15
Sample Date: 10/17/19 09:41
Laboratory ID: 19-012624-0002
Relinquished by: Tom Deja
Temp: 21.2 °C
Grower: AG-R1050384IHH
Client Batch ID: 190919EWL15TRO
Batch Size: 29 Gallons
Weight Received: 9 g
Serving Size #1: 8.6 g
Serving Size #2: 28.5 g



Sample Results

Potency per 8.6g		Batch: 1909534					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBC-A per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBC-Total per 8.6g [†]	< LOQ		mg/8.6g	0.538	10/22/19	J AOAC 2015 V98-6	
CBD per 8.6g	69.7		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBD-A per 8.6g	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBD-Total per 8.6g	69.7		mg/8.6g	0.538	10/22/19	J AOAC 2015 V98-6	
CBDV per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBDV-A per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBDV-Total per 8.6g [†]	< LOQ		mg/8.6g	0.535	10/22/19	J AOAC 2015 V98-6	
CBG per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBG-A per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBG-Total per 8.6g [†]	< LOQ		mg/8.6g	0.538	10/22/19	J AOAC 2015 V98-6	
CBL per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
CBN per 8.6g	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
Δ8-THC per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
Δ9-THC per 8.6g	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
THC-A per 8.6g	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
THC-Total per 8.6g	< LOQ		mg/8.6g	0.538	10/22/19	J AOAC 2015 V98-6	
THCV per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
THCV-A per 8.6g [†]	< LOQ		mg/8.6g	0.287	10/22/19	J AOAC 2015 V98-6	
THCV-Total per 8.6g [†]	< LOQ		mg/8.6g	0.535	10/22/19	J AOAC 2015 V98-6	

Potency per 28.5g		Batch: 1909534					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes

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Potency per 28.5g		Batch: 1909534			Analyze	Method	Notes
Analyte	Result	Limits	Units	LOQ			
CBC per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBC-A per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBC-Total per 28.5g [†]	< LOQ		mg/28.5g	1.78	10/22/19	J AOAC 2015 V98-6	
CBD per 28.5g	231		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBD-A per 28.5g	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBD-Total per 28.5g	231		mg/28.5g	1.78	10/22/19	J AOAC 2015 V98-6	
CBDV per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBDV-A per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBDV-Total per 28.5g [†]	< LOQ		mg/28.5g	1.77	10/22/19	J AOAC 2015 V98-6	
CBG per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBG-A per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBG-Total per 28.5g [†]	< LOQ		mg/28.5g	1.78	10/22/19	J AOAC 2015 V98-6	
CBL per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
CBN per 28.5g	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
Δ8-THC per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
Δ9-THC per 28.5g	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
THC-A per 28.5g	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
THC-Total per 28.5g	< LOQ		mg/28.5g	1.78	10/22/19	J AOAC 2015 V98-6	
THCV per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
THCV-A per 28.5g [†]	< LOQ		mg/28.5g	0.950	10/22/19	J AOAC 2015 V98-6	
THCV-Total per 28.5g [†]	< LOQ		mg/28.5g	1.77	10/22/19	J AOAC 2015 V98-6	



Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

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.

† = Analyte not NELAP accredited.

Units of Measure

g = Gram

mg/8.6g = Milligram per 8.6g

mg/28.5g = Milligram per 28.5g

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager