



Product identity: CBD Infused Topical Lotion - Peppermint Juniper
Laboratory ID: 19-011204-0003

Client/Metric ID: EWL-201-19916-111-02
Sample Date: 09/17/19 13:17

Summary

Potency:

Analyte per 48.5g	Result	Limits	Units	LOQ	
CBD per 48.5g	179		mg/48.5g	1.62	CBD-Total per 48.5g 179 mg/48.5g
					THC-Total per 48.5g < 3.036 mg/48.5
					(Reported in milligrams per serving)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Microbiology:

Less than LOQ for all analytes.



Customer: EWL, LLC

Product identity: CBD Infused Topical Lotion - Peppermint Juniper
Client/Metric ID: EWL-201-19916-111-02
Sample Date: 09/17/19 13:17
Laboratory ID: 19-011204-0003
Temp: 19.2 °C
Grower: Ag-R1050384IHH
Relinquished by: Brian Ramos
Client Batch ID: 190916EWL04TRL-PJ
Weight Received: 47.57 g
Serving Size #1: 48.5 g



Sample Results

Potency per 48.5g		Batch: 1908474					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBC-A per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBC-Total per 48.5g [†]	< LOQ		mg/48.5g	3.04	09/20/19	J AOAC 2015 V98-6	
CBD per 48.5g	179		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBD-A per 48.5g	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBD-Total per 48.5g	179		mg/48.5g	3.04	09/20/19	J AOAC 2015 V98-6	
CBDV per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBDV-A per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBDV-Total per 48.5g [†]	< LOQ		mg/48.5g	3.02	09/20/19	J AOAC 2015 V98-6	
CBG per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBG-A per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBG-Total per 48.5g [†]	< LOQ		mg/48.5g	3.04	09/20/19	J AOAC 2015 V98-6	
CBL per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBN per 48.5g	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
Δ8-THC per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
Δ9-THC per 48.5g	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
THC-A per 48.5g	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
THC-Total per 48.5g	< LOQ		mg/48.5g	3.04	09/20/19	J AOAC 2015 V98-6	
THCV per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
THCV-A per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
THCV-Total per 48.5g [†]	< LOQ		mg/48.5g	3.02	09/20/19	J AOAC 2015 V98-6	

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Pixis quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be kept a maximum of 15 days from the report date unless prior arrangements have been made.



Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	1908367	09/20/19	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	1908356	09/19/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1908356	09/19/19	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	1908355	09/20/19	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	1908355	09/20/19	AOAC 2014.05 (RAPID)	X

Solvents						Method EPA5021A		Units µg/g		Batch 1908417		Analyze 09/19/19 11:58 AM	
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			



Pesticides					Method AOAC 2007.01 & EN 15662 (mod)					Units mg/kg					Batch 1908433					Analyze 09/19/19 02:35 PM				
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes	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																				



Product identity: CBD Infused Topical Lotion - Peppermint Juniper
Laboratory ID: 19-011204-0004

Client/Metric ID: EWL-201-19916-111-02
Sample Date: 09/17/19 13:17

Summary

Potency:

Analyte per 48.5g	Result	Limits	Units	LOQ	
CBD per 48.5g	180		mg/48.5g	1.62	CBD-Total per 48.5g 180 mg/48.5g
					THC-Total per 48.5g < 3.036 mg/48.5
					(Reported in milligrams per serving)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Microbiology:

Less than LOQ for all analytes.



Customer: EWL, LLC

Product identity: CBD Infused Topical Lotion - Peppermint Juniper
Client/Metric ID: EWL-201-19916-111-02
Sample Date: 09/17/19 13:17
Laboratory ID: 19-011204-0004
Temp: 19.2 °C
Grower: Ag-R1050384IHH
Relinquished by: Brian Ramos
Client Batch ID: 190916EWL04TRL-PJ
Weight Received: 48 g
Serving Size #1: 48.5 g



Sample Results

Potency per 48.5g		Batch: 1908474					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBC-A per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBC-Total per 48.5g [†]	< LOQ		mg/48.5g	3.04	09/20/19	J AOAC 2015 V98-6	
CBD per 48.5g	180		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBD-A per 48.5g	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBD-Total per 48.5g	180		mg/48.5g	3.04	09/20/19	J AOAC 2015 V98-6	
CBDV per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBDV-A per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBDV-Total per 48.5g [†]	< LOQ		mg/48.5g	3.02	09/20/19	J AOAC 2015 V98-6	
CBG per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBG-A per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBG-Total per 48.5g [†]	< LOQ		mg/48.5g	3.04	09/20/19	J AOAC 2015 V98-6	
CBL per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
CBN per 48.5g	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
Δ8-THC per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
Δ9-THC per 48.5g	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
THC-A per 48.5g	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
THC-Total per 48.5g	< LOQ		mg/48.5g	3.04	09/20/19	J AOAC 2015 V98-6	
THCV per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
THCV-A per 48.5g [†]	< LOQ		mg/48.5g	1.62	09/20/19	J AOAC 2015 V98-6	
THCV-Total per 48.5g [†]	< LOQ		mg/48.5g	3.02	09/20/19	J AOAC 2015 V98-6	

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Pixis quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be kept a maximum of 15 days from the report date unless prior arrangements have been made.



Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	1908367	09/20/19	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	1908356	09/19/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1908356	09/19/19	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	1908355	09/20/19	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	1908355	09/20/19	AOAC 2014.05 (RAPID)	X

Solvents						Method EPA5021A		Units µg/g		Batch 1908417		Analyze 09/19/19 11:58 AM	
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			



Pesticides					Method AOAC 2007.01 & EN 15662 (mod)	Units mg/kg	Batch 1908433	Analyze 09/19/19 02:35 PM				
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								



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

cfu/g = Colony forming units per gram

g = Gram

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/48.5g = Milligram per 48.5g

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager