



# Certificate of Analysis

Sample provided to the laboratory by the client and tested as received.

Powered by Confident Cannabis  
1 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

## Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



### Analyte

THCa	
Δ9-THC	█
THCV	
CBDa	
CBD	█
CBDV	█
CBN	
CBGa	
CBG	
CBC	█

## Cannabinoids

053 HPLC6 20191213-1  
12/13/2019 | METRC THC RPD Status: Not Tested

1 Serving = , 0.5g

60 servings/container, 15.479mg of Total THC per container

## Complete

**0.260 mg/serving**

Δ9-THC/serving

**9.915 mg/serving**

Total CBD

**15.600 mg/container**

Δ9-THC/container

**594.824mg of Total CBD per container**

Total CBD

Analyte	LOQ	Mass	Mass	Mass
	mg/g	mg/serving	mg/g	%
THCa	0.200	<LOQ	<LOQ	<LOQ
Δ9-THC	0.200	0.260	0.520	0.0520 █
THCV	0.200	<LOQ	<LOQ	<LOQ
CBDa	0.200	<LOQ	<LOQ	<LOQ
CBD	0.200	9.915	19.830	1.9830 █
CBDV	0.200	0.120	0.240	0.0240 █
CBN	0.200	<LOQ	<LOQ	<LOQ
CBGa	0.200	<LOQ	<LOQ	<LOQ
CBG	0.200	<LOQ	<LOQ	<LOQ
CBC	0.200	0.520	1.040	0.1040 █
<b>Total</b>		<b>10.815</b>	<b>21.630</b>	<b>2.1630</b>

Total Cannabinoids Analyzed: 10.815 mg/serving

Method: CH SOP 400

\*Total THC = THCa \* 0.877 + d9-THC. \*\*Total CBD = CBDa \* 0.877 + CBD. LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
http://chemhistory.com  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Douglas Duncan  
Laboratory Director

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
www.confidentcannabis.com





# Certificate of Analysis

Sample provided to the laboratory by the client and tested as received.

Powered by Confident Cannabis  
2 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

## Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Residual Solvents

444 GCMS2 20191213-1  
12/13/2019  
METRC RPD Status: Not Tested

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
1,4-Dioxane	59	380	<LOQ	Pass
2-Butanol	59	5000	<LOQ	Pass
2-Ethoxy-Ethanol	59	160	<LOQ	Pass
Acetone	15	5000	<LOQ	Pass
Acetonitrile	59	410	<LOQ	Pass
Benzene	2	2	<LOQ	Pass
Butanes	15	5000	<LOQ	Pass
Cumene	3	70	<LOQ	Pass
Cyclohexane	3	3880	<LOQ	Pass
Dichloromethane	15	600	<LOQ	Pass
Ethyl-Acetate	15	5000	16	Pass
Ethyl-Ether	15	5000	<LOQ	Pass
Ethylene Glycol	59	620	<LOQ	Pass
Ethylene Oxide	15	50	<LOQ	Pass
Heptane	59	5000	<LOQ	Pass
Hexanes	15	290	<LOQ	Pass
Isopropanol	59	5000	<LOQ	Pass
Isopropyl-Acetate	59	5000	<LOQ	Pass
Methanol	59	3000	<LOQ	Pass
Pentanes	15	5000	<LOQ	Pass
Propane	59	5000	<LOQ	Pass
Tetrahydrofuran	15	720	<LOQ	Pass
Toluene	15	890	<LOQ	Pass
Xylenes	29	2170	<LOQ	Pass

LOQ = Limit of Quantification; PPM = Parts Per Million; NR = Not Reported; ND = Not Detected. Method: EPA 8260C, Agilent 6890A GCMS with 7679A Headspace Autosampler; ORELAP ID 4057



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
http://chemhistory.com  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Douglas Duncan  
Laboratory Director

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
www.confidentcannabis.com



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Sample provided to the laboratory by the client and tested as received.

Powered by Confident Cannabis  
3 of 25

Thoughtcloud

Sample: 1912CH0252.1087

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Pesticides

162 LCQQQ4 20191212-1

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB			PPB	PPB	PPB	
Abamectin	400	500	<LOQ	Pass	Imazalil	100	200	<LOQ	Pass
Acephate	100	400	<LOQ	Pass	Imidacloprid	100	400	<LOQ	Pass
Acequinocyl	750	2000	<LOQ	Pass	Kresoxim Methyl	100	400	<LOQ	Pass
Acetamiprid	100	200	<LOQ	Pass	Malathion	100	200	<LOQ	Pass
Aldicarb	300	400	<LOQ	Pass	Metalaxyl	100	200	<LOQ	Pass
Azoxystrobin	100	200	<LOQ	Pass	Methiocarb	100	200	<LOQ	Pass
Bifenazate	100	200	<LOQ	Pass	Methomyl	100	400	<LOQ	Pass
Bifenthrin	100	200	<LOQ	Pass	Methyl Parathion	100	200	<LOQ	Pass
Boscalid	200	400	<LOQ	Pass	MGK-264	100	200	<LOQ	Pass
Carbaryl	100	200	<LOQ	Pass	Myclobutanil	100	200	<LOQ	Pass
Carbofuran	100	200	<LOQ	Pass	Naled	100	500	<LOQ	Pass
Chlorantraniliprole	100	200	<LOQ	Pass	Oxamyl	100	1000	<LOQ	Pass
Chlorfenapyr	400	1000	<LOQ	Pass	Paclobutrazol	100	400	<LOQ	Pass
Chlorpyrifos	150	200	<LOQ	Pass	Permethrins	150	200	<LOQ	Pass
Clofentezine	100	200	<LOQ	Pass	Phosmet	100	200	<LOQ	Pass
Cyfluthrin	400	1000	<LOQ	Pass	Piperonyl Butoxide	100	2000	<LOQ	Pass
Cypermethrin	400	1000	<LOQ	Pass	Prallethrin	150	200	<LOQ	Pass
Daminozide	400	1000	<LOQ	Pass	Propiconazole	200	400	<LOQ	Pass
Diazinon	100	200	<LOQ	Pass	Propoxur	100	200	<LOQ	Pass
Dichlorvos	150	1000	<LOQ	Pass	Pyrethrins	400	1000	<LOQ	Pass
Dimethoate	100	200	<LOQ	Pass	Pyridaben	100	200	<LOQ	Pass
Ethoprophos	100	200	<LOQ	Pass	Spinosad	100	200	<LOQ	Pass
Etofenprox	200	400	<LOQ	Pass	Spiromesifen	100	200	<LOQ	Pass
Etoazole	100	200	<LOQ	Pass	Spirotetramat	100	200	<LOQ	Pass
Fenoxycarb	100	200	<LOQ	Pass	Spiroxamine	150	400	<LOQ	Pass
Fenpyroximate	200	400	<LOQ	Pass	Tebuconazole	100	400	<LOQ	Pass
Fipronil	100	400	<LOQ	Pass	Thiacloprid	100	200	<LOQ	Pass
Flonicamid	200	1000	<LOQ	Pass	Thiamethoxam	150	200	<LOQ	Pass
Fludioxonil	200	400	<LOQ	Pass	Trifloxystrobin	100	200	<LOQ	Pass
Hexythiazox	200	1000	<LOQ	Pass					

Method: Modified AOAC 2007.01, Triple Quad analysis; LOQ = Limit of Quantification; PPB = Parts Per Billion; ND = Not Detected; NR = Not Reported; ORELAP ID 4057



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
http://chemhistory.com  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Douglas Duncan  
Laboratory Director

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
www.confidentcannabis.com



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
4 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Heavy Metals

Pass

12/15/2019

Analyte	Mass	LOQ	Limit	Status
	PPB	PPB	PPB	
Arsenic	3.46	0.10	200.00	Pass
Cadmium	<LOQ	0.10	200.00	Pass
Lead	12.74	0.10	500.00	Pass
Mercury	0.40	0.10	100.00	Pass



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Douglas Duncan  
Laboratory Director

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Sample provided to the laboratory by the client and tested as received.

Powered by Confident Cannabis  
5 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

## Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Terpenes

126 GCFID2 20191213-3  
12/13/2019

Analyte	Mass %	Mass mg/g	LOQ %
cis-Phytol	<LOQ	<LOQ	0.02
Valencene	<LOQ	<LOQ	0.02
Sabinene	<LOQ	<LOQ	0.02
Ocimene 1	<LOQ	<LOQ	0.02
Geraniol	<LOQ	<LOQ	0.02
Neral	<LOQ	<LOQ	0.02
α-Humulene	<LOQ	<LOQ	0.02
α-Terpinene	<LOQ	<LOQ	0.02
trans-Phytol	<LOQ	<LOQ	0.02
Caryophyllene Oxide	<LOQ	<LOQ	0.02
(-)-β-Pinene	<LOQ	<LOQ	0.02
α-Pinene	<LOQ	<LOQ	0.02
Camphor	<LOQ	<LOQ	0.02
(-)-α-Bisabolol	<LOQ	<LOQ	0.02
α-Cedrene	<LOQ	<LOQ	0.02
Terpinolene	<LOQ	<LOQ	0.02
Endo-Fenchyl Alcohol	<LOQ	<LOQ	0.02
p-Isopropyltoluene	<LOQ	<LOQ	0.02
Azulene	<LOQ	<LOQ	0.02
α-Terpineol	<LOQ	<LOQ	0.02
Cedrol	0.22	2.2	0.02
Citral	<LOQ	<LOQ	0.02
(-)-Guaiol	<LOQ	<LOQ	0.02
β-Nerolidol	<LOQ	<LOQ	0.02
Linalool	<LOQ	<LOQ	0.02
Neryl Acetate	<LOQ	<LOQ	0.02

Analyte	Mass %	Mass mg/g	LOQ %
β-Myrcene	<LOQ	<LOQ	0.02
γ-Terpinene	<LOQ	<LOQ	0.02
Anisole	<LOQ	<LOQ	0.02
Fenchone	<LOQ	<LOQ	0.02
Isoborneol	<LOQ	<LOQ	0.02
δ-Limonene	0.04	0.4	0.02
Ocimene 2	<LOQ	<LOQ	0.02
Camphene	<LOQ	<LOQ	0.02
α-Phellandrene	<LOQ	<LOQ	0.02
γ-Terpineol	<LOQ	<LOQ	0.02
Geranyl Acetate	<LOQ	<LOQ	0.02
β-Caryophyllene	<LOQ	<LOQ	0.02
Sabinene Hydrate	<LOQ	<LOQ	0.02
Farnesene	<LOQ	<LOQ	0.02
Nerol	<LOQ	<LOQ	0.02
trans-Nerolidol	<LOQ	<LOQ	0.02
Borneol	<LOQ	<LOQ	0.02
Hexahydro Thymol	<LOQ	<LOQ	0.02
Squalene	<LOQ	<LOQ	0.02
δ-3-Carene	<LOQ	<LOQ	0.02
Eucalyptol	<LOQ	<LOQ	0.02
Eugenol	<LOQ	<LOQ	0.02
(-)-Isopulegol	<LOQ	<LOQ	0.02
Pulegone	<LOQ	<LOQ	0.02
cis-Nerolidol	<LOQ	<LOQ	0.02

## Primary Aromas

0.26% Total Terpenes	Wood	Orange			
-------------------------	------	--------	--	--	--

Method: GC-FID CH SOP 401; based on dry weight; LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
http://chemhistory.com  
Lic# OLCC 010-1002015CA5E ORELAP 4057

*Douglas Duncan*

Douglas Duncan  
Laboratory Director

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
www.confidentcannabis.com



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Sample provided to the laboratory by the client and tested as received.

Powered by Confident Cannabis  
6 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Microbials

Complete

12/15/2019

Analyte	Limit	Units	Status
Yeast & Mold	CFU/g	CFU/g	Tested
		<LOQ	

Method: AOAC Method 997.02 & 990.12; Based on wet weight; CFU = Colony Forming Unit; TNC = Too Numerous to Count; NR = Not Reported; ND = Not Detected



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
http://chemhistory.com  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Patrick Trujillo  
Quality Assurance Director

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
www.confidentcannabis.com



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
7 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Sample: 1912CH0252.1087

Name: Vape Formula

Client: Thoughtcloud

Date Tested: 12/15/2019

Vitamin E Acetate detected:

**Negative**

Laboratory Director Review

Douglas Duncan PhD.

12/16/2019

Date

Advisory analysis of concentrates for Tocopheryl Acetate using modified Royal Society of Chemistry Accepted Manuscript method Lu et al.

ChemHistory provides the above information for advisory purposes only.



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
[support@confidentcannabis.com](mailto:support@confidentcannabis.com)  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
8 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
053 HPLC6 20191213-1	PMB12121901IN	Cannabinoids	Blank

### QC Notes

None

Compounds	Blank Result	Blank Max % (LOQ)	Blank Result %	Notes
THCa	0	0.05	<LOQ	-
Δ9-THC	0	0.05	<LOQ	-
CBDa	0	0.05	<LOQ	-
CBD	0	0.05	<LOQ	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.





# Certificate of Analysis

Powered by Confident Cannabis  
9 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
053 HPLC6 20191213-1	PLCS12121901IN	Cannabinoids	Lab Control Sample

### QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	2.65	2.11	125.59	70 - 130	-
Δ9-THC	4.94	4.18	118.18	70 - 130	-
CBDa	1	0.91	109.89	70 - 130	-
CBD	4.66	3.75	124.27	57 - 143	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
10 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
053 HPLC6 20191213-1	PMS12121901IN	Cannabinoids	Spike

### QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.02	<LOQ	<LOQ	133	70 - 130	Above Limit Range
Δ9-THC	0.02	0	<20	104	70 - 130	-
CBDa	0.02	<LOQ	<LOQ	140	70 - 130	Above Limit Range
CBD	0.02	0.5	<20	13	70 - 130	Below Limit Range



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
11 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
162 LCQQQ4 20191212-1	MRMB12121902CN LC	Required Pesticides	Blank

### QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB	Notes
Acephate	100	<LOQ	
Acequinocyl	750	<LOQ	
Acetamiprid	100	<LOQ	
Aldicarb	300	<LOQ	
Abamectin	400	<LOQ	
Azoxystrobin	100	<LOQ	
Bifenazate	100	<LOQ	
Bifenthrin	100	<LOQ	
Boscalid	200	<LOQ	
Carbaryl	100	<LOQ	
Carbofuran	100	<LOQ	
Chlorantraniliprole	100	<LOQ	
Chlorpyrifos	150	<LOQ	
Clofentezine	100	<LOQ	
Daminozide	400	<LOQ	
Diazinon	100	<LOQ	
Dichlorvos	150	<LOQ	
Dimethoate	100	<LOQ	
Ethoprophos	100	<LOQ	
Etofenprox	200	<LOQ	
Etoxazole	100	<LOQ	
Fenoxycarb	100	<LOQ	
Fenpyroximate	200	<LOQ	
Flonicamid	200	<LOQ	
Hexythiazox	200	<LOQ	
Imazalil	100	<LOQ	
Imidacloprid	100	<LOQ	
Kresoxim Methyl	100	<LOQ	
Malathion	100	<LOQ	
Metalaxyl	100	<LOQ	



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
12 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
162 LCQQQ4 20191212-1	MRMB12121902CN LC	Required Pesticides	Blank

### QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB	Notes
Methiocarb	100	<LOQ	
Methomyl	100	<LOQ	
Myclobutanil	100	<LOQ	
Naled	100	<LOQ	
Oxamyl	100	<LOQ	
Paclobutrazol	100	<LOQ	
Permethrin	150	<LOQ	
Phosmet	100	<LOQ	
Piperonyl Butoxide	100	<LOQ	
Prallethrin	150	<LOQ	
Propiconazole	200	<LOQ	
Propoxur	100	<LOQ	
Pyrethrins	400	<LOQ	
Pyridaben	100	<LOQ	
Spinosad	100	<LOQ	
Spiromesifen	100	<LOQ	
Spirotetramat	100	<LOQ	
Spiroxamine	150	<LOQ	
Tebuconazole	100	<LOQ	
Thiacloprid	100	<LOQ	
Thiamethoxam	150	<LOQ	
Trifloxystrobin	100	<LOQ	



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
13 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
380 GCQQQ2 20191213-2	MRMB12121902C	Required Pesticides	Blank

### QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB	Notes
Chlorfenapyr	400	<LOQ	-
Cyfluthrin	400	<LOQ	-
Cypermethrin	400	<LOQ	-
Fipronil	100	<LOQ	-
Fludioxonil	200	<LOQ	-
MGK-264	100	<LOQ	-
Methyl Parathion	100	<LOQ	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
14 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
162 LCQQQ4 20191212-1	MRLCS12121902CN LC	Required Pesticides	Lab Control Sample

### QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Acephate	97.72	56 - 149	-
Acequinocyl	93.08	30 - 142	-
Acetamiprid	97.17	56 - 149	-
Aldicarb	92.2	53 - 150	-
Abamectin	79.18	30 - 140	-
Azoxystrobin	99.33	55 - 138	-
Bifenazate	97.7	53 - 137	-
Bifenthrin	100.22	30 - 150	-
Boscalid	98.42	55 - 142	-
Carbaryl	101.32	56 - 150	-
Carbofuran	100.39	57 - 142	-
Chlorantraniliprole	99.62	54 - 141	-
Chlorpyrifos	98.57	34 - 150	-
Clofentezine	99.45	44 - 150	-
Daminozide	112.65	30 - 150	-
Diazinon	93.35	55 - 134	-
Dichlorvos	90.73	49 - 149	-
Dimethoate	95.86	56 - 149	-
Ethoprophos	90.69	52 - 143	-
Etofenprox	94.5	46 - 140	-
Etoxazole	43.96	50 - 134	Below Limit Range
Fenoxycarb	100.97	53 - 139	-
Fenproximate	89.43	45 - 127	-
Flonicamid	101.61	55 - 145	-
Hexythiazox	93.84	39 - 141	-
Imazalil	86.15	40 - 149	-
Imidacloprid	102.13	54 - 150	-
Kresoxim Methyl	98.24	57 - 139	-
Malathion	97.79	51 - 147	-
Metalaxyl	94.67	58 - 142	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
http://chemhistory.com  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
www.confidentcannabis.com



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
15 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

## Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
162 LCQQQ4 20191212-1	MRLCS12121902CN LC	Required Pesticides	Lab Control Sample

### QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Methiocarb	98.47	50 - 150	-
Methomyl	96.68	55 - 150	-
Myclobutanil	102.78	54 - 145	-
Naled	92.85	49 - 146	-
Oxamyl	94.56	56 - 147	-
Paclobutrazol	100.66	56 - 139	-
Permethrin	109.66	30 - 138	-
Phosmet	101.34	57 - 146	-
Piperonyl Butoxide	91.97	48 - 146	-
Prallethrin	97.75	53 - 146	-
Propiconazole	96.91	49 - 129	-
Propoxur	100.54	56 - 150	-
Pyrethrins	96.25	30 - 150	-
Pyridaben	90.97	50 - 132	-
Spinosad	74.65	30 - 150	-
Spiromesifen	100.66	52 - 136	-
Spirotetramat	92.97	46 - 150	-
Spiroxamine	72	30 - 150	-
Tebuconazole	99.85	48 - 136	-
Thiacloprid	98.84	47 - 150	-
Thiamethoxam	102.02	57 - 147	-
Trifloxystrobin	98.99	46 - 147	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
http://chemhistory.com  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
www.confidentcannabis.com



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
16 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

## Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
380 GCQQQ2 20191213-2	MRLCS12121902C	Required Pesticides	Lab Control Sample

### QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Chlorfenapyr	102	69 - 132	-
Cyfluthrin	93	68 - 136	-
Cypermethrin	93	67 - 134	-
Fipronil	96	67 - 136	-
Fludioxonil	101	69 - 139	-
MGK-264	101	65 - 145	-
Parathion Methyl	95	66 - 131	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.





# Certificate of Analysis

Powered by Confident Cannabis  
17 of 25

Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
162 LCQQQ4 20191212-1	MRMS12121902CN LC	Required Pesticides	Spike

### QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Acephate	7.08	30	<30	126.13	52 - 150	-
Acequinocyl	17.71	30	<30	80.45	30 - 147	-
Acetamiprid	8.56	30	<30	128.09	47 - 148	-
Aldicarb	7.71	30	<30	121.61	48 - 145	-
Abamectin	19.28	30	<30	55.9	41 - 150	-
Azoxystrobin	6.31	30	<30	129.65	50 - 150	-
Bifenazate	1.31	30	<30	120.23	50 - 150	-
Bifenthrin	15.72	30	<30	78.78	46 - 150	-
Boscalid	10.86	30	<30	114.62	50 - 150	-
Carbaryl	3.45	30	<30	124.15	57 - 150	-
Carbofuran	6.23	30	<30	125.39	51 - 150	-
Chlorantraniliprole	5.38	30	<30	114.77	52 - 150	-
Chlorpyrifos	5.99	30	<30	77.6	30 - 150	-
Clofentezine	6.89	30	<30	60.3	53 - 146	-
Daminozide	21.41	30	<30	138.33	30 - 150	-
Diazinon	1.37	30	<30	90.55	41 - 145	-
Dichlorvos	2.33	30	<30	115.57	54 - 141	-
Dimethoate	6.21	30	<30	126.49	49 - 149	-
Ethoprophos	2.6	30	<30	98.89	47 - 146	-
Etofenprox	16.14	30	<30	97.67	38 - 150	-
Etoxazole	104.51	30	>30	119.42	34 - 150	-
Fenoxycarb	2.83	30	<30	100.17	54 - 150	-
Fenproximate	15.54	30	<30	90.73	34 - 150	-
Flonicamid	17.29	30	<30	151.37	45 - 143	Above Limit Range
Hexythiazox	1.04	30	<30	64.02	30 - 150	-
Imazalil	6.01	30	<30	75.11	30 - 147	-
Imidacloprid	9.25	30	<30	135.27	43 - 148	-
Kresoxim Methyl	0.97	30	<30	98.1	56 - 144	-
Malathion	2.21	30	<30	124.2	55 - 150	-
Metalaxyl	8.34	30	<30	109.21	50 - 150	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
http://chemhistory.com  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
www.confidentcannabis.com



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
18 of 25

Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
162 LCQQQ4 20191212-1	MRMS12121902CN LC	Required Pesticides	Spike

### QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Methiocarb	2	30	<30	123.01	50 - 150	-
Methomyl	8.95	30	<30	127.05	42 - 150	-
Myclobutanil	4.04	30	<30	122.91	43 - 150	-
Naled	6.87	30	<30	103.65	46 - 150	-
Oxamyl	7.58	30	<30	124.31	41 - 150	-
Paclobutrazol	1.23	30	<30	116.95	47 - 150	-
Permethrin	18.37	30	<30	62.12	37 - 150	-
Phosmet	11.25	30	<30	112.35	35 - 150	-
Piperonyl Butoxide	0.73	30	<30	96.98	30 - 149	-
Prallethrin	4.53	30	<30	58.95	46 - 150	-
Propiconazole	1.87	30	<30	80.33	40 - 150	-
Propoxur	6.18	30	<30	126.15	53 - 150	-
Pyrethrins	16.73	30	<30	81.01	30 - 150	-
Pyridaben	19.79	30	<30	82.58	41 - 150	-
Spinosad	0.24	30	<30	58.29	30 - 150	-
Spiromesifen	7.19	30	<30	108.91	43 - 150	-
Spirotetramat	7.87	30	<30	122.25	48 - 150	-
Spiroxamine	9.95	30	<30	71.23	30 - 143	-
Tebuconazole	0.54	30	<30	73.07	45 - 150	-
Thiacloprid	3.51	30	<30	126.47	50 - 147	-
Thiamethoxam	4.6	30	<30	135.35	40 - 147	-
Trifloxystrobin	8.46	30	<30	90.47	50 - 150	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
19 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
380 GCQQQ2 20191213-2	MRMS12121902C	Required Pesticides	Spike

### QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Chlorfenapyr	4.56	20	<20	107.87	62 - 130	
Cyfluthrin	7.11	20	<20	100.87	63 - 128	
Cypermethrin	2.08	20	<20	107.52	58 - 126	
Fipronil	5.74	20	<20	102.29	62 - 134	
Fludioxonil	2.55	20	<20	105	62 - 139	
MGK-264	0.52	20	<20	102.07	56 - 150	
Methyl Parathion	5.29	20	<20	102.42	63 - 135	



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
20 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
444 GCMS2 20191213-1	RSMB12121901	Required Solvents	Blank

### QC Notes

None

Compounds	Method LOQ (PPM)	Blank Result PPM	Notes
Xylenes	30	<LOQ	-
1,4-Dioxane	10	<LOQ	-
2-Butanol	50	<LOQ	-
2-Ethoxy-Ethanol	10	<LOQ	-
2-Methyl-Butane	10	<LOQ	-
2-Methyl-Pentane	10	<LOQ	-
2,2-Dimethyl-Butane	10	<LOQ	-
2,3-Dimethyl-Butane	10	<LOQ	-
3-Methyl-Pentane	10	<LOQ	-
Acetone	10	<LOQ	-
Acetonitrile	40	<LOQ	-
Benzene	0.5	<LOQ	-
Butane	10	<LOQ	-
Cumene	10	<LOQ	-
Cyclohexane	10	<LOQ	-
Dichloro-Methane	10	<LOQ	-
Ethyl-Acetate	10	<LOQ	-
Ethyl-Benzene	10	<LOQ	-
Ethyl-Ether	10	<LOQ	-
Ethylene Glycol	500	<LOQ	-
Ethylene Oxide	10	<LOQ	-
Heptane	10	<LOQ	-
Isobutane	50	<LOQ	-
Isopropyl-Acetate	50	<LOQ	-
Isopropyl Alcohol	10	<LOQ	-
Methanol	40	<LOQ	-
Neopentane	10	<LOQ	-
n-Hexane	10	<LOQ	-
Pentane	10	<LOQ	-
Propane	50	<LOQ	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
21 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

## Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
444 GCMS2 20191213-1	RSMB12121901	Required Solvents	Blank

### QC Notes

None

Compounds	Method LOQ (PPM)	Blank Result PPM	Notes
Tetrahydrofuran	10	<LOQ	-
Toluene	10	<LOQ	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
22 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

## Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
444 GCMS2 20191213-1	RSLCS12121901	Required Solvents	Lab Control Sample

### QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Xylenes	75.67	69 - 131	-
1,4-Dioxane	84.8	67 - 133	-
2-Butanol	75.6	70 - 130	-
2-Ethoxy-Ethanol	72.4	70 - 130	-
2-Methyl-Butane	84.6	52 - 148	-
2-Methyl-Pentane	92.8	54 - 146	-
2,2-Dimethyl-Butane	94.2	54 - 146	-
2,3-Dimethyl-Butane	92.8	53 - 147	-
3-Methyl-Pentane	89.8	55 - 145	-
Acetone	89	56 - 144	-
Acetonitrile	87.6	60 - 140	-
Benzene	92.94	70 - 130	-
Butane	67.8	42 - 150	-
Cumene	78.8	68 - 132	-
Cyclohexane	92	56 - 144	-
Dichloro-Methane	94.8	58 - 142	-
Ethyl-Acetate	82	61 - 139	-
Ethyl-Benzene	80.6	61 - 139	-
Ethyl-Ether	97.6	55 - 145	-
Ethylene Glycol	35.6	33 - 150	-
Ethylene Oxide	84.8	65 - 135	-
Heptane	90.8	51 - 149	-
Isobutane	66	37 - 150	-
Isopropyl-Acetate	84.4	61 - 139	-
Isopropyl Alcohol	87.8	70 - 130	-
Methanol	83.8	56 - 144	-
Neopentane	74.4	42 - 150	-
n-Hexane	88.98	53 - 147	-
Pentane	80	51 - 149	-
Propane	109	30 - 150	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
23 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

## Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
444 GCMS2 20191213-1	RSLCS12121901	Required Solvents	Lab Control Sample

### QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Tetrahydrofuran	84.2	60 - 140	-
Toluene	88.6	62 - 138	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.



# Certificate of Analysis

Powered by Confident Cannabis  
24 of 25

Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape

Batch#: ; Batch Size: g

Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
444 GCMS2 20191213-1	RSMS12121901	Required Solvents	Spike

### QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
Xylenes	30	<LOQ	<LOQ	64	30 - 142	-
1,4-Dioxane	10	<LOQ	<LOQ	94	53 - 147	-
2-Butanol	50	<LOQ	<LOQ	86	70 - 130	-
2-Ethoxy-Ethanol	10	<LOQ	<LOQ	86	53 - 147	-
2-Methyl-Butane	10	<LOQ	<LOQ	82	34 - 150	-
2-Methyl-Pentane	10	<LOQ	<LOQ	89	45 - 150	-
2,2-Dimethyl-Butane	10	<LOQ	<LOQ	88	44 - 150	-
2,3-Dimethyl-Butane	10	<LOQ	<LOQ	89	45 - 150	-
3-Methyl-Pentane	10	<LOQ	<LOQ	89	45 - 150	-
Acetone	10	<LOQ	<LOQ	88	30 - 150	-
Acetonitrile	40	<LOQ	<LOQ	94	50 - 150	-
Benzene	0.5	<LOQ	<LOQ	91	56 - 144	-
Butane	10	<LOQ	<LOQ	67	30 - 150	-
Cumene	10	<LOQ	<LOQ	63	30 - 150	-
Cyclohexane	10	<LOQ	<LOQ	90	47 - 150	-
Dichloro-Methane	10	<LOQ	<LOQ	95	49 - 150	-
Ethyl-Acetate	10	<LOQ	<LOQ	84	30 - 150	-
Ethyl-Benzene	10	<LOQ	<LOQ	71	48 - 150	-
Ethyl-Ether	10	<LOQ	<LOQ	91	45 - 150	-
Ethylene Glycol	500	<LOQ	<LOQ	94	30 - 150	-
Ethylene Oxide	10	<LOQ	<LOQ	88	53 - 147	-
Heptane	10	<LOQ	<LOQ	82	44 - 150	-
Isobutane	50	<LOQ	<LOQ	67	30 - 150	-
Isopropyl-Acetate	50	<LOQ	<LOQ	86	49 - 150	-
Isopropyl Alcohol	10	<LOQ	<LOQ	86	70 - 130	-
Methanol	40	<LOQ	<LOQ	91	30 - 150	-
Neopentane	10	<LOQ	<LOQ	75	31 - 150	-
n-Hexane	10	<LOQ	<LOQ	89	43 - 150	-
Pentane	10	<LOQ	<LOQ	79	40 - 150	-
Propane	50	<LOQ	<LOQ	107	30 - 150	-

5691 SE International Way B

Portland, OR

(503) 305-5252

http://chemhistory.com

Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis

All Rights Reserved

support@confidentcannabis.com

(866) 506-5866

www.confidentcannabis.com



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.





# Certificate of Analysis

Powered by Confident Cannabis  
25 of 25

## Thoughtcloud

Portland, OR 97205  
admin@thoughtcloud.net  
(949) 664-0114  
Lic. #

Sample: 1912CH0252.1087

Strain: Full Spectrum CBD Vape  
Batch#: ; Batch Size: g  
Sample Received: 12/13/2019; Report Created: 12/24/2019; Expires: 12/24/2020  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Vape Formula

Ingestible, Tincture  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
444 GCMS2 20191213-1	RSMS12121901	Required Solvents	Spike

### QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
Tetrahydrofuran	10	<LOQ	<LOQ	90	49 - 150	-
Toluene	10	<LOQ	<LOQ	84	49 - 150	-



5691 SE International Way B  
Portland, OR  
(503) 305-5252  
<http://chemhistory.com>  
Lic# OLCC 010-1002015CA5E ORELAP 4057

Confident Cannabis  
All Rights Reserved  
support@confidentcannabis.com  
(866) 506-5866  
[www.confidentcannabis.com](http://www.confidentcannabis.com)



Values reported relate only to the product tested. ChemHistory makes no claims as to the consumer safety or other risks associated with any detected or non-detected levels of any pesticides or residual solvents. This Certificate shall not be reproduced except in full, without the written approval of ChemHistory. ORELAP accredited ID#4057 and OLCC Licensed Cannabis Testing Laboratory #010-1002015CA5E.