

# Certificate of Analysis

## Industrial Hemp

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

Sample: 1809CH0213.0781

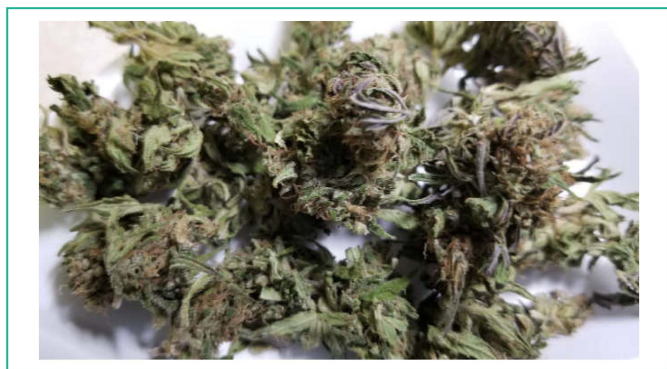
Strain: OF-Cascade

Batch#: 2; Batch Size: 0 - grams

Sample Received: 09/17/2018; Report Created: 09/26/2018; Expires: 09/26/2019

Harvest/Production Date:

Sampling: Random; Environment: Room Temp



Analyte	Value
THCa	0.04%
Δ9-THC	13.63%
Δ8-THC	<LOQ
THCVa	<LOQ
THCV	<LOQ
CBDa	15.04%
CBD	0.44%
CBDV	0.04%
CBNa	<LOQ
CBN	0.01%
CBGa	2.52%
CBG	0.27%
CBCa	<LOQ
CBC	0.04%
CBLa	<LOQ

### Cannabinoids

240 HPLC3 20180920-3  
09/20/2018

Complete

0.04%

Δ9-THC

13.63%

Total CBD\*\* (Calculated  
Decarboxylated Potential)

19.12%

10.5%

Analyte	LOQ mg/g	Mass %	Mass mg/g
THCa		0.72	7.2
Δ9-THC		0.04	0.4
Δ8-THC	<LOQ	<LOQ	<LOQ
THCVa	<LOQ	<LOQ	<LOQ
THCV	<LOQ	<LOQ	<LOQ
CBDa		15.04	150.4
CBD		0.44	4.4
CBDV		0.04	0.4
CBNa	<LOQ	<LOQ	<LOQ
CBN		0.01	0.1
CBGa		2.52	25.2
CBG		0.27	2.7
CBCa	<LOQ	<LOQ	<LOQ
CBC		0.04	0.4
CBLa	<LOQ	<LOQ	<LOQ
Total		19.12	191.2

Total Cannabinoids Analyzed

Moisture

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

CHEMHISTORY  
5691 SE International Way C-2  
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



Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

Sample: 1809CH0213.0781

Strain: OF-Cascade  
Batch#: 2; Batch Size: 0 - grams

## Terpenes

338 GCFID1 20180918-1  
09/18/2018

Sample Received: 09/17/2018; Report Created: 09/26/2018; Expires: 09/26/2019

Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

Analyte	Mass %	Mass mg/g	LOQ %		Analyte	Mass %	Mass mg/g	LOQ %	
α-Pinene	0.39	3.9	0.02	<div style="width: 100%;"></div>	Isoborneol	<LOQ	<LOQ	0.02	
Camphene	<LOQ	<LOQ	0.02		Borneol	<LOQ	<LOQ	0.02	
Sabinene	<LOQ	<LOQ	0.02		Hexahydro Thymol	<LOQ	<LOQ	0.02	
(-) -β-Pinene	0.14	1.4	0.02	<div style="width: 20%;"></div>	α-Terpineol	<LOQ	<LOQ	0.02	
β-Myrcene	<LOQ	<LOQ	0.02		γ-Terpineol	<LOQ	<LOQ	0.02	
α-Phellandrene	<LOQ	<LOQ	0.02		Nerol	<LOQ	<LOQ	0.02	
δ-3-Carene	<LOQ	<LOQ	0.02		Pulegone	<LOQ	<LOQ	0.02	
α-Terpinene	<LOQ	<LOQ	0.02		Geraniol	<LOQ	<LOQ	0.02	
p-Isopropyltoluene	<LOQ	<LOQ	0.02		Farnesene	<LOQ	<LOQ	0.02	
δ-Limonene	0.16	1.6	0.02	<div style="width: 20%;"></div>	α-Cedrene	<LOQ	<LOQ	0.02	
Eucalyptol	<LOQ	<LOQ	0.02		β-Caryophyllene	0.34	3.4	0.02	<div style="width: 100%;"></div>
Ocimene 1	<LOQ	<LOQ	0.02		α-Humulene	0.08	0.8	0.02	<div style="width: 10%;"></div>
Ocimene 2	<LOQ	<LOQ	0.02		Valencene	<LOQ	<LOQ	0.02	
γ-Terpinene	<LOQ	<LOQ	0.02		Geranyl Acetate	0.30	3.0	0.02	<div style="width: 100%;"></div>
Sabinene Hydrate	<LOQ	<LOQ	0.02		cis-Nerolidol	<LOQ	<LOQ	0.02	
Fenchone	<LOQ	<LOQ	0.02		β-Nerolidol	0.04	0.4	0.02	<div style="width: 5%;"></div>
Terpinolene	<LOQ	<LOQ	0.02		trans-Nerolidol	<LOQ	<LOQ	0.02	
Linalool	0.05	0.5	0.02	<div style="width: 5%;"></div>	Caryophyllene Oxide	<LOQ	<LOQ	0.02	
Endo-Fenchyl Alcohol	<LOQ	<LOQ	0.02		(-) -Guaïol	<LOQ	<LOQ	0.02	
Camphor	<LOQ	<LOQ	0.02		Cedrol	<LOQ	<LOQ	0.02	
(-) -Isopulegol	<LOQ	<LOQ	0.02		(-) -α-Bisabolol	0.09	0.9	0.02	<div style="width: 10%;"></div>

## Primary Aromas

1.59%					
Total Terpenes	Pine	Orange	Lavender	Cinnamon	Hops

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

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

**Sample: 1809CH0213.0781**

Strain: OF-Cascade  
Batch#: 2; Batch Size: 0 - grams

## Quality Control Data

Sample Received: 09/17/2018; Report Created: 09/26/2018; Expires: 09/26/2019

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

**Analytical Batch ID**  
240 HPLC3 20180920-3



QC Sample ID	Assay Name	QC Category Name
PMB09191801H	Cannabinoids	Blank

**QC Notes**  
None

Compounds	Blank Result	Blank Max % (LOQ)	Blank Result %	Notes
THCa	0	0.002	<LOQ	-
Δ9-THC	0	0.002	<LOQ	-
CBDa	0	0.002	<LOQ	-
CBD	0	0.002	<LOQ	-



Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

**Sample: 1809CH0213.0781**

Strain: OF-Cascade  
Batch#: 2; Batch Size: 0 - grams

## Quality Control Data

Sample Received: 09/17/2018; Report Created: 09/26/2018; Expires: 09/26/2019

Harvest/Production Date:

**Analytical Batch ID**  
240 HPLC3 20180920-3

Sampling: Random; Environment: Room Temp

QC Sample ID	Assay Name	QC Category Name
PLCS09191801H	Cannabinoids	Lab Control Sample

### QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	7.11	6.57	108.22	70 - 130	-
Δ9-THC	7.56	7.32	103.28	70 - 130	-
CBDa	2.34	2.19	106.85	70 - 130	-
CBD	2.45	2.3	106.52	57 - 143	-

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

**Sample: 1809CH0213.0781**

Strain: OF-Cascade  
Batch#: 2; Batch Size: 0 - grams

## Quality Control Data

Sample Received: 09/17/2018; Report Created: 09/26/2018; Expires: 09/26/2019

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

**Analytical Batch ID**  
240 HPLC3 20180920-3



QC Sample ID	Assay Name	QC Category Name
PMS09191801H	Cannabinoids	Spike

**QC Notes**  
None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.002	8.7	<20	105	70 - 130	-
Δ9-THC	0.002	0	<20	100	70 - 130	-
CBDa	0.002	7.57	<20	33	70 - 130	Below Limit Range
CBD	0.002	22.22	>20	92	70 - 130	-

