

Plant, Flower - Cured

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

#### **Certificate of Analysis**

**Industrial Hemp** 

Powered by Confident Cannabis 1 of 5

Sample: 1809CH0213.0782

Strain: OF-Lifter

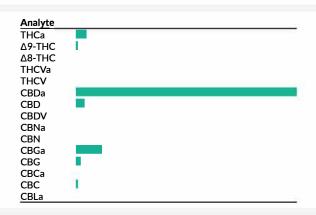
Batch#: 3; Batch Size: 5 - grams

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

Harvest/Production Date:

Sampling: Random; Environment: Room Temp





Cannabinoids 240 HPLC3 20180920-3

240 HPLC3 20180920-3 09/20/2018

0.02%

 $\Delta 9$ -THC

14.23%

Total CBD\*\* (Calculated Decarboxylated Potential)

19.08%

**Total Cannabinoids Analyzed** 

10.5%

Moisture

Complete

Analyte	LOQ	Mass	Mass	
Analyte	mg/g	%	mg/g	
THCa	1116/6	0.75	7.5	
Δ9-THC		0.02	0.2	ī
Δ8-THC		<loq< td=""><td><loq< td=""><td>•</td></loq<></td></loq<>	<loq< td=""><td>•</td></loq<>	•
THCVa		<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
THCV		<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBDa		15.55	155.5	
CBD		0.59	5.9	
CBDV		<loq< td=""><td><loq< td=""><td>_</td></loq<></td></loq<>	<loq< td=""><td>_</td></loq<>	_
CBNa		<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBN		<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBGa		1.84	18.4	
CBG		0.32	3.2	T .
CBCa		<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBC		0.02	0.2	1
CBLa		<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Total		19.08	190.8	

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



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# Certificate of Analysis Informational Use Only - Not For Regulatory Use

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Sample: 1809CH0213.0782

Strain: OF-Lifter

Batch#: 3; Batch Size: 5 - grams

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

Harvest/Production Date:

Sampling: Random; Environment: Room Temp



Terpenes 338 GCFID1 20180918-2 09/18/2018

Plant, Flower - Cured

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

Analyte	Mass	Mass	LOQ	
D 10	%	mg/g	%	
α-Pinene	0.04	0.4	0.02	
Camphene	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Sabinene	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
(-) -β-Pinene	0.03	0.3	0.02	
β-Myrcene	0.51	5.1	0.02	
α-Phellandrene	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
δ-3-Carene	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
α-Terpinene	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
p-Isopropyltoluene	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
δ-Limonene	0.05	0.5	0.02	
Eucalyptol	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Ocimene 1	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Ocimene 2	0.09	0.9	0.02	
y-Terpinene	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Sabinene Hydrate	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Fenchone	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Terpinolene	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Linalool	0.04	0.4	0.02	
Endo-Fenchyl Alcohol	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Camphor	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
(-)-Isopulegol	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	

Analyte	Mass	Mass	LOQ	
. W	%	mg/g	%	
Isoborneol	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Borneol	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Hexahydro Thymol	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
α-Terpineol	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
y-Terpineol	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Nerol	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Pulegone	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Geraniol	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Farnesene	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
α-Cedrene	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
β-Caryophyllene	0.37	3.7	0.02	
α-Humulene	0.13	1.3	0.02	
Valencene	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
Geranyl Acetate	0.40	4.0	0.02	
cis-Nerolidol	0.04	0.4	0.02	
β-Nerolidol	0.09	0.9	0.02	
trans-Nerolidol	0.04	0.4	0.02	
Caryophyllene Oxide	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
(-)-Guaiol	0.04	0.4	0.02	
Cedrol	<loq< td=""><td><loq< td=""><td>0.02</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.02</td><td></td></loq<>	0.02	
(-)-α-Bisabolol	0.13	1.3	0.02	

#### **Primary Aromas**

2.00%

**Total Terpenes** 









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



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### Certificate of Analysis

Powered by Confident Cannabis 3 of 5

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

Harvest/Production Date:

Quality Control Data

Analytical Batch ID 240 HPLC3 20180920-3

51 g W

Sampling: Random; Environment: Room Temp

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< td=""><td>5</td></loq<>	5
Δ9-THC	0	0.002	<loq< td=""><td>€</td></loq<>	€
CBDa	0	0.002	<loq< td=""><td>2</td></loq<>	2
CBD	0	0.002	<loq< td=""><td></td></loq<>	



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### Certificate of Analysis

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Strain: OF-Lifter

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Harvest/Production Date:

Sampling: Random; Environment: Room Temp

**Quality Control Data** 

Analytical Batch ID 240 HPLC3 20180920-3

	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	2
Δ9-THC	7.56	7.32	103.28	70 - 130	2
CBDa	2.34	2.19	106.85	70 - 130	23
CBD	2.45	2.3	106.52	57 - 143	



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## **Certificate of Analysis**

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5 of 5

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Harvest/Production Date:

Quality Control Data

Analytical Batch ID 240 HPLC3 20180920-3

QC Sample IDAssay NameQC Category NamePMS09191801HCannabinoidsSpike

**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	Ş
Δ9-THC	0.002	0	<20	100	70 - 130	2
CBDa	0.002	7.57	<20	33	70 - 130	Below Limit Range
CBD	0.002	22.22	>20	92	70 - 130	2



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