

Industrial Hemp

Powered by Confident Cannabis 1 of 5

Oregon Fusion LLC

Boring, OR 97009 adam@oregonfusioncbd.com (914) 850-4645 Lic. #AG-R1040925IHG Sample: 1901CH0043.0191

Strain: Cascade

Batch#:; Batch Size: - grams

Sample Received: 01/04/2019; Report Created: 01/08/2019; Expires: 01/08/2020

Harvest/Production Date:

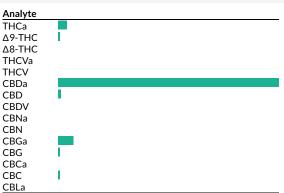
Sampling: Random; Environment: Room Temp

OF-Cascade

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







Cannabinoids 321 HPLC3 20190105-1 01/05/2019 Pass

0.03%

 $\Delta 9$ -THC

12.84%

Total CBD** (Calculated Decarboxylated Potential)

16.28%

Total Cannabinoids Analyzed

6.8%

Moisture

Analyte	LOQ	Mass	Mass	
	mg/g	%	mg/g	
THCa		0.56	5.6	
Δ9-THC		0.03	0.3	
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		14.44	144.4	
CBD		0.17	1.7	1
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		1.01	10.1	
CBG		0.03	0.3	
CBCa		<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBC		0.04	0.4	I
CBLa		<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Total		16.28	162.8	

*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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Douglas Duncan
Laboratory Director

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OF-Cascade

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



Terpenes

409 GCFID1 20190107-2 01/07/2019

Analyte	Mass	Mass	LOQ
	%	mg/g	%
α-Pinene	0.15	1.5	
Camphene	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Sabinene	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
(-) -β-Pinene	0.06	0.6	
β-Myrcene	0.66	6.6	
α-Phellandrene	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
δ-3-Carene	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
α-Terpinene	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
p-Isopropyltoluene	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
δ-Limonene	0.07	0.7	
Eucalyptol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Ocimene 1	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Ocimene 2	0.02	0.2	1
y-Terpinene	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Sabinene Hydrate	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Fenchone	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Terpinolene	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Linalool	0.03	0.3	I I
Endo-Fenchyl Alcohol	0.01	0.1	1
Camphor	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
(-)-Isopulegol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	

Analyte	Mass	Mass	LOQ
	%	mg/g	%
Isoborneol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Borneol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Hexahydro Thymol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
α-Terpineol	0.02	0.2	1
y-Terpineol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Nerol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Pulegone	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Geraniol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Farnesene	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
α-Cedrene	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
β-Caryophyllene	0.24	2.4	
α-Humulene	0.07	0.7	
Valencene	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Geranyl Acetate	0.35	3.5	
cis-Nerolidol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
β-Nerolidol	0.12	1.2	
trans-Nerolidol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Caryophyllene Oxide	0.01	0.1	
(-)-Guaiol	0.06	0.6	
Cedrol	0.01	0.1	
(-)-α-Bisabolol	0.12	1.2	

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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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
321 HPLC3 20190105-1	PMB01041901F	Cannabinoids	Blank

QC Notes

None

Compounds	Blank Result	Blank Max % (LOQ)	Blank Result %	Notes
THCa	0	0.05	<loq< td=""><td>-</td></loq<>	-
Δ9-THC	0	0.05	<loq< td=""><td>-</td></loq<>	-
CBDa	0	0.05	<loq< td=""><td>-</td></loq<>	-
CBD	0	0.05	<loq< td=""><td>_</td></loq<>	_



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OF-Cascade

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



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
321 HPLC3 20190105-1	PLCS01041901F	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	4.55	4.45	102.25	70 - 130	-
Δ9-THC	3.55	3.47	102.31	70 - 130	-
CBDa	5.49	5.69	96.49	70 - 130	-
CBD	3.66	3.55	103.1	57 - 143	-



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OF-Cascade

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



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
321 HPLC3 20190105-1	PMS01041901F	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.02	4.69	<20	329	70 - 130	Above Limit Range
Δ9-THC	0.02	0	<20	99	70 - 130	-
CBDa	0.02	0	<20	80	70 - 130	-
CBD	0.02	<loq< td=""><td><loq< td=""><td>90</td><td>70 - 130</td><td>-</td></loq<></td></loq<>	<loq< td=""><td>90</td><td>70 - 130</td><td>-</td></loq<>	90	70 - 130	-



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