

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

Powered by Confident Cannabis

Sample: 1911CH0582.2379

Strain: crawford

Batch#:; Batch Size: g

Sample Received: 11/25/2019; Report Created: 11/27/2019; Expires: 11/27/2020

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

Mother Licker

NV Farms LLC

1750 Delta Waters Rd

nico@rollinghillsoil.com

Medford, OR 97504

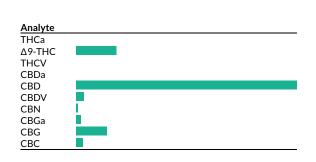
(541) 816-0199

Lic. #ODA-

Concentrates & Extracts, Full Extract Cannabis Oil, Alcohol Harvest Process Lot: ; METRC Batch: ; METRC Sample:







Pass Cannabinoids

459 HPLC4 20191126-3 11/26/2019 | METRC THC RPD Status: Not Tested

9.06%

Total THC* (Calculated Decarboxylated Potential) 49.86%

Total CBD** (Calculated Decarboxylated Potential)

70.33%

Moisture

Water Activity

NR

NR

1500.0 Limit 0.65 Limit

Microbial Potential

Analyte	LOQ	Mass	Mass	
	mg/g	%	mg/g	
THCa	2.0	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ9-ΤΗС	2.0	9.06	90.6	
THCV	2.0	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBDa	2.0	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBD	2.0	49.86	498.6	
CBDV	2.0	1.80	18.0	
CBN	2.0	0.33	3.3	I
CBGa	2.0	0.98	9.8	1
CBG	2.0	6.86	68.6	
CBC	2.0	1.45	14.5	
Total		70.33	703.3	

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

Total Cannabinoids Analyzed

(503) 305-5252

5691 SE International Way B Portland, OR

http://chemhistory.com

Lic# OLCC 010-1002015CA5E ORELAP 4057

Douglas Duncan Laboratory Director

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Concentrates & Extracts, Full Extract Cannabis Oil, Alcohol Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Terpenes

118 GCFID2 20191125-3 11/25/2019

Analyte	Mass	Mass	LOQ	
	%	mg/g	%	
cis-Phytol	0.12	1.2	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	
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	
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	
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	
Neral	<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-Humulene	<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	
trans-Phytol	0.14	1.4	0.02	
Caryophyllene Oxide	0.10	1.0	0.02	
(-) -β-Pinene	<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-Pinene	<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	
(-)-α-Bisabolol	0.24	2.4	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	
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	
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	
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	
Azulene	<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	
Cedrol	0.12	1.2	0.02	
Citral	<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	0.03	0.3	0.02	
β-Nerolidol	0.76	7.6	0.02	
Linalool	<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	
Neryl Acetate	<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
	%	mg/g	%
β-Myrcene	0.11	1.1	0.02
y-Terpinene	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Anisole	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Fenchone	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Isoborneol	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
δ-Limonene	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Ocimene 2	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Camphene	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
α-Phellandrene	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
y-Terpineol	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Geranyl Acetate	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
β-Caryophyllene	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Sabinene Hydrate	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Farnesene	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Nerol	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
trans-Nerolidol	0.16	1.6	0.02
Borneol	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Hexahydro Thymol	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Squalene	0.33	3.3	0.02
δ-3-Carene	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Eucalyptol	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Eugenol	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
(-)-Isopulegol	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
Pulegone	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02
cis-Nerolidol	<loq< td=""><td><loq< td=""><td>0.02</td></loq<></td></loq<>	<loq< td=""><td>0.02</td></loq<>	0.02

Primary Aromas

2.11%

Total Terpenes



Sweet







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



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Douglas Duncan Laboratory Director

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Certificate of Analysis

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Concentrates & Extracts, Full Extract Cannabis Oil, Alcohol Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
459 HPLC4 20191126-3	PMB112519101CN	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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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
459 HPLC4 20191126-3	PLCS112519101CN	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	10.38	10.08	102.98	70 - 130	-
Δ9-THC	9.04	8.87	101.92	70 - 130	-
CBDa	4.53	4.59	98.69	70 - 130	-
CBD	10.87	10.64	102.16	57 - 143	-



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Concentrates & Extracts, Full Extract Cannabis Oil, Alcohol Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
459 HPLC4 20191126-3	PMS112519101CN	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.2	<loq< td=""><td><loq< td=""><td>104</td><td>70 - 130</td><td>-</td></loq<></td></loq<>	<loq< td=""><td>104</td><td>70 - 130</td><td>-</td></loq<>	104	70 - 130	-
Δ9-THC	0.2	0.55	<20	49	70 - 130	Below Limit Range
CBDa	0.2	<loq< td=""><td><loq< td=""><td>108</td><td>70 - 130</td><td>-</td></loq<></td></loq<>	<loq< td=""><td>108</td><td>70 - 130</td><td>-</td></loq<>	108	70 - 130	-
CBD	0.2	2.01	<20	19	70 - 130	Below Limit Range



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