

OR 97038

Lic.#

Certificate of Analysis

Powered by Confident Cannabis 1 of 7

USA Hemp Company

Sample: 1904CH0226.1125

Strain: Carolina Dream Batch#:; Batch Size: 10 g Sample Received: 04/18/2019; Report Created: 04/26/2019; Expires: 04/26/2020 Harvest/Production Date: 10/30/2018 Sampling: Random; Environment: Room Temp



Barrel #98

rafael@usahempc.com

(503) 875-0101

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

		Analyte THCa Δ9-THC THCV CBDa CBD CBD CBD CBD CBD CBD CBC				
Cannabinoids 301 HPLC4 20190423-2 34/23/2019		1 Serving = , g servings/cont				Pass
0.06%	14.87%	Analyte THCa Δ9-THC THCV CBDa CBD	LOQ mg/g 0.2 0.2 0.2 0.2 0.2 0.2	Mass % 0.54 0.06 <loq 16.26 0.62</loq 	Mass mg/g 5.4 0.6 <loq 162.6 6.2</loq 	
Δ9-THC	Total CBD** (Calculated Decarboxylated Potential)	CBDV CBN CBGa CBG <u>CBC</u>	0.2 0.2 0.2 0.2 0.2	<loq <loq 0.45 0.06 0.05</loq </loq 	<loq <loq 4.5 0.6 0.5</loq </loq 	
18.03%	9.3%	<u>Total</u>		18.03	180.3	
Total Cannabinoids Analyzed	Moisture				BD = CBDa * 0.877 + CBD. LC Detected	DQ = Limit of
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Douglas Duncan Laboratory Director

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Barrel #98 Plant, Flower - Cured, Outdoor

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

Heavy Metals

Complete

Analyte	Mass	LOQ	Limit	Status
	PPM	PPM	PPM	
Arsenic	0.03			Tested
Cadmium	0.31			Tested
Lead	0.08			Tested
Mercury	<loq< td=""><td></td><td></td><td>Tested</td></loq<>			Tested



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Barrel #98

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

Terpenes

469 GCFID1 20190420-2 04/20/2019

Analyte	Mass	Mass	LOQ	_
	%	mg/g	%	_
α-Pinene	0.03	0.3		
Camphene	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
Sabinene	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
(-) -β-Pinene	0.02	0.2		
β-Myrcene	0.29	2.9		
α-Phellandrene	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
δ-3-Carene	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
α-Terpinene	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
p-Isopropyltoluene	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
δ-Limonene	0.03	0.3		
Eucalyptol	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
Ocimene 1	0.01	0.1		
Ocimene 2	0.07	0.7		
y-Terpinene	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
Sabinene Hydrate	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
Fenchone	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
Terpinolene	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
Linalool	0.03	0.3		
Endo-Fenchyl Alcohol	0.01	0.1	1	
Camphor	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
(-)-Isopulegol	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></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	0.01	0.1	- I
Hexahydro Thymol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
α-Terpineol	0.02	0.2	
y-Terpineol	0.15	1.5	
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	0.02	0.2	
α-Cedrene	0.01	0.1	
β-Caryophyllene	0.13	1.3	
α-Humulene	0.07	0.7	
Valencene	0.02	0.2	
Geranyl Acetate	0.04	0.4	
cis-Nerolidol	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
β-Nerolidol	0.03	0.3	
trans-Nerolidol	0.01	0.1	
Caryophyllene Oxide	0.02	0.2	
(-)-Guaiol	0.03	0.3	
Cedrol	0.01	0.1	
(-)-α-Bisabolol	0.03	0.3	

Primary Aromas



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



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Barrel #98 Plant, Flower - Cured, Outdoor

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

Microbials

1.0024 04/22/2019

Complete

Analyte	Limit	Units	Status
	CFU/g	CFU/g	
Yeast & Mold		599	Tested

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



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Patrick Trujillo Quality Assurance Director (866) 506-5866



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Barrel #98

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
301 HPLC4 20190423-2	PMB04181901F	Cannabinoids	Blank
QC Notes			
None			

Compounds	Blank Result	Blank Max % (LOQ)	Blank Result %	Notes
THCa	0.02	0.05	<loq< td=""><td>-</td></loq<>	-
∆9-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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Barrel #98

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
301 HPLC4 20190423-2	PLCS04181901F	Cannabinoids	Lab Control Sample
QC Notes			
None			

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	4.09	4.45	91.91	70 - 130	-
Δ9-THC	2.97	3.47	85.59	70 - 130	-
CBDa	5.33	5.69	93.67	70 - 130	-
CBD	3.65	3.55	102.82	57 - 143	-



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Barrel #98

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
301 HPLC4 20190423-2	PMS04181901F	Cannabinoids	Spike
<u>QC Notes</u> None			

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.02	5.57	<20	106	70 - 130	-
Δ9-THC	0.02	196.23	>20	5762	70 - 130	Above Limit Range
CBDa	0.02	6.06	<20	106	70 - 130	-
CBD	0.02	<loq< td=""><td><loq< td=""><td>95</td><td>70 - 130</td><td>-</td></loq<></td></loq<>	<loq< td=""><td>95</td><td>70 - 130</td><td>-</td></loq<>	95	70 - 130	-



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