

USA Hemp Company

Sample: 1904CH0226.1125

OR 97038
rafael@usahempc.com
(503) 875-0101
Lic. #

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

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			Tested

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Terpenes

469 GCFID1 20190420-2
04/20/2019

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



Certificate of Analysis

Informational Use Only - Not For Regulatory Use

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Microbials

Complete

1.0024
04/22/2019

Analyte	Limit	Units	Status
Yeast & Mold	CFU/g	CFU/g 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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Quality Assurance Director

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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	-
Δ9-THC	0	0.05	<LOQ	-
CBDa	0	0.05	<LOQ	-
CBD	0	0.05	<LOQ	-



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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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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
301 HPLC4 20190423-2	PMS04181901F	Cannabinoids	Spike

QC Notes

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	<LOQ	95	70 - 130	-

