



Certificate of Analysis

Powered by Confident Cannabis

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

Emerson Naturals

10220 Southeast Causey Avenue
Clackamas, OR 97086
stacey@emersonnaturals.com
(888) 659-6911
Lic. #

Sample: 2007CH0077.0296

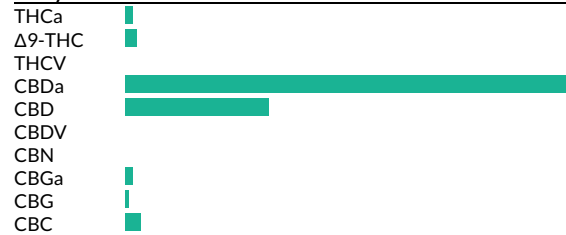
Strain: Cherry Wine
Batch#: ; Batch Size: g
Sample Received: 07/10/2020; Report Created: 07/24/2020; Expires: 07/24/2021
Harvest/Production Date:
Sampling: Random; Environment: Room Temp

Cherry Wine 070720

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



Analyte



Cannabinoids

646 HPLC4 20200711-2

07/11/2020 | METRC THC RPD Status: Not Tested

Pass

0.42%

Total THC* (Calculated Decarboxylated Potential)

13.34%

Total CBD** (Calculated Decarboxylated Potential)

15.79%

Total Cannabinoids Analyzed

Moisture	Water Activity
8.9%	NR
1500.0 Limit	0.65 Limit

Microbial Potential

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	0.4	0.18	1.8
Δ9-THC	0.4	0.27	2.7
THCV	0.4	<LOQ	<LOQ
CBDa	0.4	11.07	110.7
CBD	0.4	3.63	36.3
CBDV	0.4	<LOQ	<LOQ
CBN	0.4	<LOQ	<LOQ
CBGa	0.4	0.20	2.0
CBG	0.4	0.07	0.7
CBC	0.4	0.38	3.8
Total		15.79	157.9

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



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Pesticides

953LCQQ3 20200711-3

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB			PPB	PPB	PPB	
Abamectin	400	500	<LOQ	Pass	Imazalil	100	200	<LOQ	Pass
Acephate	100	400	<LOQ	Pass	Imidacloprid	100	400	<LOQ	Pass
Acequinocyl	750	2000	<LOQ	Pass	Kresoxim Methyl	100	400	<LOQ	Pass
Acetamiprid	100	200	<LOQ	Pass	Malathion	100	200	<LOQ	Pass
Aldicarb	300	400	<LOQ	Pass	Metalaxyl	100	200	<LOQ	Pass
Azoxystrobin	100	200	<LOQ	Pass	Methiocarb	100	200	<LOQ	Pass
Bifenazate	100	200	<LOQ	Pass	Methomyl	100	400	<LOQ	Pass
Bifenthrin	100	200	<LOQ	Pass	Methyl Parathion	100	200	<LOQ	Pass
Boscalid	200	400	<LOQ	Pass	MGK-264	100	200	<LOQ	Pass
Carbaryl	100	200	<LOQ	Pass	Myclobutanil	100	200	<LOQ	Pass
Carbofuran	100	200	<LOQ	Pass	Naled	100	500	<LOQ	Pass
Chlorantraniliprole	100	200	<LOQ	Pass	Oxamyl	100	1000	<LOQ	Pass
Chlorfenapyr	400	1000	<LOQ	Pass	Paclobutrazol	100	400	<LOQ	Pass
Chlorpyrifos	150	200	<LOQ	Pass	Permethrins	150	200	<LOQ	Pass
Clofentezine	100	200	<LOQ	Pass	Phosmet	100	200	<LOQ	Pass
Cyfluthrin	400	1000	<LOQ	Pass	Piperonyl Butoxide	100	2000	<LOQ	Pass
Cypermethrin	400	1000	<LOQ	Pass	Prallethrin	150	200	<LOQ	Pass
Daminozide	400	1000	<LOQ	Pass	Propiconazole	200	400	<LOQ	Pass
Diazinon	100	200	<LOQ	Pass	Propoxur	100	200	<LOQ	Pass
Dichlorvos	150	1000	<LOQ	Pass	Pyrethrins	400	1000	<LOQ	Pass
Dimethoate	100	200	<LOQ	Pass	Pyridaben	100	200	<LOQ	Pass
Ethoprophos	100	200	<LOQ	Pass	Spinosad	100	200	<LOQ	Pass
Etofenprox	200	400	<LOQ	Pass	Spiromesifen	100	200	<LOQ	Pass
Etoxazole	100	200	<LOQ	Pass	Spirotetramat	100	200	<LOQ	Pass
Fenoxycarb	100	200	<LOQ	Pass	Spiroxamine	150	400	<LOQ	Pass
Fenpyroximate	200	400	<LOQ	Pass	Tebuconazole	100	400	<LOQ	Pass
Fipronil	100	400	<LOQ	Pass	Thiacloprid	100	200	<LOQ	Pass
Flonicamid	200	1000	<LOQ	Pass	Thiamethoxam	150	200	<LOQ	Pass
Fludioxonil	200	400	<LOQ	Pass	Trifloxystrobin	100	200	<LOQ	Pass
Hexythiazox	200	1000	<LOQ	Pass					

Method: Modified AOAC 2007.01, Triple Quad analysis; LOQ = Limit of Quantification; PPB = Parts Per Billion; ND = Not Detected; NR = Not Reported; ORELAP ID 4057



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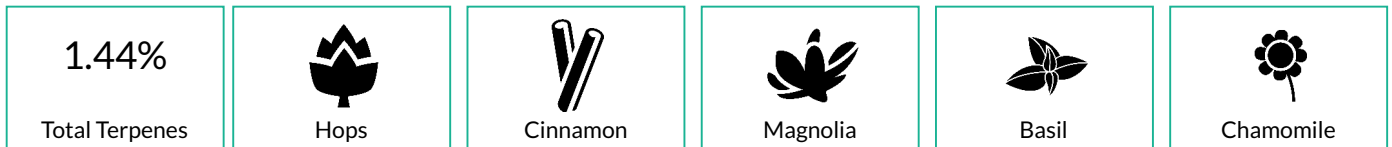


Terpenes

721 GCFID1 20200711-1
07/11/2020

Analyte	Mass %	Mass mg/g	LOQ %	Analyte	Mass %	Mass mg/g	LOQ %
cis-Phytol	<LOQ	<LOQ	0.02	γ-Terpinene	<LOQ	<LOQ	0.02
Valencene	<LOQ	<LOQ	0.02	Anisole	<LOQ	<LOQ	0.02
Sabinene	<LOQ	<LOQ	0.02	Fenchone	<LOQ	<LOQ	0.02
Ocimene 1	<LOQ	<LOQ	0.02	Isoborneol	<LOQ	<LOQ	0.02
Geraniol	<LOQ	<LOQ	0.02	δ-Limonene	0.04	0.4	0.02
Neral	<LOQ	<LOQ	0.02	Ocimene 2	<LOQ	<LOQ	0.02
α-Humulene	0.07	0.7	0.02	Camphene	<LOQ	<LOQ	0.02
α-Terpinene	<LOQ	<LOQ	0.02	α-Phellandrene	<LOQ	<LOQ	0.02
trans-Phytol	0.04	0.4	0.02	γ-Terpineol	<LOQ	<LOQ	0.02
Caryophyllene Oxide	<LOQ	<LOQ	0.02	Geranyl Acetate	<LOQ	<LOQ	0.02
(-) -β-Pinene	<LOQ	<LOQ	0.02	β-Caryophyllene	0.21	2.1	0.02
α-Pinene	0.05	0.5	0.02	Sabinene Hydrate	<LOQ	<LOQ	0.02
Camphor	<LOQ	<LOQ	0.02	Nerol	<LOQ	<LOQ	0.02
(-) -α-Bisabolol	0.12	1.2	0.02	trans-Nerolidol	<LOQ	<LOQ	0.02
α-Cedrene	<LOQ	<LOQ	0.02	Borneol	<LOQ	<LOQ	0.02
Terpinolene	<LOQ	<LOQ	0.02	Hexahydro Thymol	<LOQ	<LOQ	0.02
Endo-Fenchyl Alcohol	<LOQ	<LOQ	0.02	Squalene	<LOQ	<LOQ	0.02
p-Isopropyltoluene	<LOQ	<LOQ	0.02	δ-3-Carene	<LOQ	<LOQ	0.02
Azulene	<LOQ	<LOQ	0.02	Eucalyptol	<LOQ	<LOQ	0.02
α-Terpineol	<LOQ	<LOQ	0.02	Eugenol	<LOQ	<LOQ	0.02
Cedrol	<LOQ	<LOQ	0.02	(-) -Isopulegol	<LOQ	<LOQ	0.02
Citral	<LOQ	<LOQ	0.02	Pulegone	<LOQ	<LOQ	0.02
(-) -Guaial	0.05	0.5	0.02	cis-Nerolidol	0.07	0.7	0.02
Linalool	<LOQ	<LOQ	0.02	β-Farnesene	0.21	2.1	0.02
Neryl Acetate	<LOQ	<LOQ	0.02	cis-β-Farnesene	0.21	2.1	0.02
β-Myrcene	0.22	2.2	0.02	α-Farnesene	0.15	1.5	0.02

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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Microbials

Complete

07/18/2020

Analyte	Limit	Units	Status
Coliforms		CFU/g	Tested
E. Coli		<LOQ	Tested
Yeast & Mold		893	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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Mycotoxins

Complete

Analyte	LOQ	Limit	Units	Status
	PPB	PPB	PPB	
B1	0.00		<LOQ	Tested
B2	0.00		<LOQ	Tested
G1	0.00		<LOQ	Tested
G2	0.00		<LOQ	Tested
Ochratoxin A	0.00		<LOQ	Tested



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
646 HPLC4 20200711-2	PMB07102003F	Cannabinoids	Blank

QC Notes

None

Compounds	Blank Result	Blank Max % (LOQ)	Blank Result %	Notes
THCa	0.01	0.05	<LOQ	-
Δ9-THC	0.02	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
646 HPLC4 20200711-2	PLCS07102003F	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	4.45		Not Tested	70 - 130	-
Δ9-THC	3.83		Not Tested	70 - 130	-
CBDa	3.97		Not Tested	70 - 130	-
CBD	2.95		Not Tested	57 - 143	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
646 HPLC4 20200711-2	PMS07102003F	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.04	2.53	<20	5	70 - 130	Below Limit Range
Δ9-THC	0.04	7.41	<20	92	70 - 130	-
CBDa	0.04	10.53	<20	71	70 - 130	-
CBD	0.04	<LOQ	<LOQ	100	70 - 130	-



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