



Copperstate Farms
650 N. Industrial Dr.
Snowflake, AZ, 85937
9282406489
License #:
00000019DCGM00234427
Order #: 83826
Retail Batch #:
03.12.23.DSU.A1.F2

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: 00000020LCVT89602592

Harvest/Lot ID: 03.12.23.DSU.A1.F2

Seed-to-Sale #: N/A

Order Information

Order #: 83826
Order Name: Grower's Blend Hybrid
03.12.23.DSU.A1.F2 FP GS
Retail Batch #: 03.12.23.DSU.A1.F2
Received: 09/26/2023 14:34:30
Complete: 09/29/2023 18:27:17

Batch Information

Create Date: 03/12/2023 Matrix: Distillate
Exp. Date: 03/12/2024 Pickup Weight: 10 g

Dispensary Information

Cultivation Facility: Farm Cultivar(s): Grower's Blend Hybrid
Processing Facility: Farm

COMPLIANCE FOR RETAIL

Regulated Analytes

CANNABINOID PROFILE (Q3) TESTED	MICROBIAL CONTAMINANTS MICROBIAL ANALYSIS: PASS MYCOTOXIN ANALYSIS: PASS	RESIDUAL SOLVENTS PASS
PESTICIDES, FUNGICIDES, AND GROWTH REGULATORS PASS	HERBICIDES NOT TESTED	HEAVY METAL ANALYSIS PASS

Additional Analytes (Not Regulated)

TERPENES (Q3) NOT TESTED	MOISTURE ANALYSIS (Q3) NOT TESTED	WATER ACTIVITY (Q3) NOT TESTED
FILTH & FOREIGN (Q3) NOT TESTED	HOMOGENEITY (Q3) NOT TESTED	



89.9177 %
Total THC

0.2286 %
Total CBD

94.7329 %
Total Cannabinoids (Q3)

Ahmed Munshi

Lab Director



Arizona

734 W Highland Avenue, 2nd Floor
Phoenix, AZ 85013
(602) 806-6930



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Sample Prep

Tech: 2463
SOP: 418.AZ
Batch Number: 61523
Batch Date: 09/26/2023 12:35:19

Sample Analysis

Date/Time: 09/27/2023 12:44:08
Tech: 2463
SOP: 417.AZ
Final Weight: 0.042 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

TESTED

89.9177 %
Total THC

0.2286 %
Total CBD

94.7329 %
Total Cannabinoids
(Q3)

Cannabinoid Potency (Certified)

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	QUALIFIERS
CBC	0.3224/0.977	2	0.5684	5.684	
CBD	0.3224/0.977	2	0.2286	2.286	
CBDA	0.3224/0.977	2	ND	ND	
CBDV	0.3224/0.977	2	ND	ND	
CBG	0.3224/0.977	2	2.6339	26.339	
CBGA	0.3224/0.977	2	ND	ND	
CBN	0.3224/0.977	2	1.0232	10.232	
d8-THC	0.3224/0.977	2	ND	ND	
d9-THC	0.3224/0.977	2	89.9177	899.177	
THCA	0.3224/0.977	2	ND	ND	
THCV	0.3224/0.977	2	0.3611	3.611	

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

CANNABINOID TOTALS	WEIGHT %	MG/G
Total THC	89.9177	899.177
Total CBD	0.2286	2.286
Total Cannabinoids (Q3)	94.7329	947.329

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MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 3978
SOP: 432.AZ
Batch Number: 61524
Batch Date: 09/26/2023 12:35:30

Sample Analysis

Date/Time: 09/29/2023 17:16:20
Tech: 2463
SOP: 424.AZ
Final Weight: 0.51 g
Volume: 12.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)	QUALIFIER
Aflatoxin B1	4/10	1	0	ND	I1
Aflatoxin B2	4/10	1	0	ND	I1
Aflatoxin G1	4/10	1	0	ND	I1
Aflatoxin G2	4/5	1	0	ND	
Ochratoxin A	10/10	1	20	ND	R1,V1,I1
Total Aflatoxins	4/10	1	20	ND	

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Pesticides, Fungicides, and Growth Regulators

LC-MS/MS

PASS

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SOP: 432.AZ
Batch Number: 61524
Batch Date: 09/26/2023 12:35:30

Sample Analysis

Date/Time: 09/29/2023 17:16:20
Tech: 2463
SOP: 424.AZ
Final Weight: 0.51 g
Volume: 12.5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL(ppm)	RESULTS (ppm)	QUALIFIER	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)	QUALIFIER
Abamectin	0.083/0.25	1	0.5	ND	L1,M2	Hexythiazox	0.167/0.5	1	1	ND	M2
Acephate	0.067/0.2	1	0.4	ND		Imazalil	0.033/0.1	1	0.2	ND	
Acequinocyl	0.333/1	1	2	ND		Imidacloprid	0.067/0.2	1	0.4	ND	
Acetamiprid	0.033/0.1	1	0.2	ND		Kresoxim-methyl	0.067/0.2	1	0.4	ND	M2
Aldicarb	0.067/0.2	1	0.4	ND		Malathion	0.033/0.1	1	0.2	ND	
Azoxystrobin	0.033/0.1	1	0.2	ND		Metalaxyl	0.033/0.1	1	0.2	ND	
Bifenazate	0.033/0.1	1	0.2	ND	M2	Methiocarb	0.033/0.1	1	0.2	ND	
Bifenthrin	0.033/0.1	1	0.2	ND	M2	Methomyl	0.067/0.2	1	0.4	ND	
Boscalid	0.067/0.2	1	0.4	ND	M2	Myclobutanil	0.033/0.1	1	0.2	ND	
Carbaryl	0.033/0.1	1	0.2	ND		Naled	0.083/0.25	1	0.5	ND	M2
Carbofuran	0.033/0.1	1	0.2	ND		Oxamyl	0.167/0.5	1	1	ND	
Chlorantraniliprole	0.033/0.1	1	0.2	ND	V1	Paclobutrazol	0.067/0.2	1	0.4	ND	
Chlorfenapyr	0.167/0.5	1	1	ND	M2,I1	Permethrins	0.033/0.1	1	0.2	ND	M2
Chlorpyrifos	0.033/0.1	1	0.2	ND	M2	Phosmet	0.033/0.1	1	0.2	ND	I1
Clofentezine	0.033/0.1	1	0.2	ND	M2	Piperonyl Butoxide	0.333/1	1	2	ND	
Cyfluthrin	0.167/0.5	1	1	ND	M2	Prallethrin	0.033/0.1	1	0.2	ND	M1
Cypermethrin	0.167/0.5	1	1	ND	M2	Propiconazole	0.067/0.2	1	0.4	ND	
Daminozide	0.167/0.5	1	1	ND		Propoxur	0.033/0.1	1	0.2	ND	
Diazinon	0.033/0.1	1	0.2	ND	M2	Pyrethrins	0.033/0.1	1	1	ND	
Dichlorvos	0.017/0.05	1	0.1	ND	M2	Pyridaben	0.033/0.1	1	0.2	ND	
Dimethoate	0.033/0.1	1	0.2	ND		Spinosad	0.033/0.1	1	0.2	ND	
Ethoprophos	0.033/0.1	1	0.2	ND	M2	Spiromesifen	0.033/0.1	1	0.2	ND	M2
Etofenprox	0.067/0.2	1	0.4	ND	M2	Spirotetramat	0.033/0.1	1	0.2	ND	M1
Etoxazole	0.033/0.1	1	0.2	ND		Spiroxamine	0.067/0.2	1	0.4	ND	
Fenoxycarb	0.033/0.1	1	0.2	ND	M2	Tebuconazole	0.067/0.2	1	0.4	ND	
Fenpyroximate	0.067/0.2	1	0.4	ND	M2	Thiacloprid	0.033/0.1	1	0.2	ND	M2
Fipronil	0.067/0.2	1	0.4	ND		Thiamethoxam	0.033/0.1	1	0.2	ND	
Flonicamid	0.167/0.5	1	1	ND		Trifloxystrobin	0.033/0.1	1	0.2	ND	M2
Fludioxonil	0.067/0.2	1	0.4	ND	M2						

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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 3958
SOP: 405.AZ
Batch Number: 61493
Batch Date: 09/22/2023 14:20:03

Sample Analysis

Date/Time: 09/28/2023 12:17:37
Tech: 3997
SOP: 405.AZ
Final Weight: 0.052 g
Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	QUALIFIER	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	QUALIFIER
2-Propanol	333/1000	1	5000	ND		Ethyl ether	333/1000	1	5000	ND	
Acetone	67/200	1	1000	ND		Heptane	333/1000	1	5000	ND	
Acetonitrile	27/82	1	410	ND		Hexanes	48/145	1	290	ND	
Benzene	0.13/0.4	1	2	ND		Isopropyl acetate	333/1000	1	5000	ND	
Butanes	167/500	1	5000	ND		Methanol	200/600	1	3000	ND	
Chloroform	4/12	1	60	ND	M1	Pentanes	333/1000	1	5000	ND	
Dichloromethane	40/120	1	600	ND		Propane	167/500	1	5000	ND	
Ethanol	333/1000	1	5000	ND		Toluene	59/178	1	890	ND	
Ethyl acetate	333/1000	1	5000	ND		Xylenes	289/868	1	2170	ND	

HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 3971
SOP: 428.AZ
Batch Number: 61525
Batch Date: 09/26/2023 12:35:42

Sample Analysis

Date/Time: 09/27/2023 15:35:15
Tech: 3971
SOP: 428.AZ
Final Weight: 0.201 g
Volume: 6 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	QUALIFIER
Arsenic	0.02/0.2	10	0.4	ND	
Cadmium	0.02/0.2	10	0.4	ND	
Lead	0.02/0.5	10	1	ND	
Mercury	0.02/0.6	10	1.2	ND	

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3958
SOP: 431.AZ

Batch Number: 61521
Batch Date: 09/26/2023 12:25:17

Date/Time: 09/28/2023 15:45:02
Tech: 3989
SOP: 431.AZ

Sample Analysis

Final Weight: 1.026 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
E. coli	Tempo	< 100 CFU/g	< 100 CFU/g	PASS	

Sample Prep

Tech: 3958
SOP: 406.AZ

Batch Number: 61522
Batch Date: 09/26/2023 12:25:39

Date/Time: 09/28/2023 17:22:03
Tech: 3989
SOP: 406.AZ

Sample Analysis

Final Weight: 1.009 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
Aspergillus flavus	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	
Aspergillus fumigatus	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	
Aspergillus niger	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	
Aspergillus terreus	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	

Sample Prep

Tech: 3958
SOP: 406.AZ

Batch Number: 61522
Batch Date: 09/26/2023 12:25:39

Date/Time: 09/28/2023 17:22:03
Tech: 3989
SOP: 406.AZ

Sample Analysis

Final Weight: 1.009 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
Salmonella	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	

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QUALIFIER LEGEND

ALSO REFERENCED AS "Q"

- I1** *The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference*
- L1** *When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample*
- M1** *The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria*
- M2** *The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria*
- Q3** *Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317*
- R1** *The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria*
- V1** *The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample*

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