



Copperstate Farms
 650 N Industrial Drive
 Snowflake, AZ 85937
 License #: 00000019DCGM00234427
 Sample ID: 2310SMAZ0217.0664
 Batch #: 10.24.23.DSU



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 2484

10.24.23.DSU FP GS

Batch #: 10.24.23.DSU
 Strain: Grower's Blend Hybrid
 Parent Batch #:
 Sample Collected: 10/26/2023 14:30:00
 Published: 12/13/2023

Sample ID: 2310SMAZ0217.0664
 Amount Received:
 Sample Type: Distillate
 Received: 10/26/2023



COMPLIANCE FOR RETAIL

Regulated Analytes

Cannabinoid Profile (Q3) Tested	Microbial Contaminants Pass	Residual Solvents Pass
Pesticides, Fungicides, and Growth Regulators Pass	Mycotoxins Pass	Heavy Metals Pass

Additional Analytes (Not Regulated)

Terpenes Total (Q3) Not Tested	Moisture Analysis (Q3) Not Tested	Water Activity (Q3) Not Tested
Filth & Foreign (Q3) Not Tested	Homogeneity (Q3) Not Tested	Additional Microbial Contaminants (Q3) Not Tested

89.907% Total THC
<LOQ Total CBD
0.876% CBN
2.297% CBG
94.006% Total Cannabinoids (Q3)

Ahmed Munshi
 Technical Laboratory Director

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



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Cannabinoid Profile

HPLC **Tested**

Sample Prep

Batch Date: 10/30/2023
 SOP: 418.AZ
 Batch Number: 263

Sample Analysis

Date: 10/31/2023
 SOP: 417.AZ - HPLC
 Sample Weight: 0.041 g
 Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	1.257	3.813	4	0.453	4.531	
CBD	1.257	3.813	4	<LOQ	<LOQ	
CBDA	1.257	3.813	4	ND	ND	
CBDV	1.257	3.813	4	ND	ND	
CBG	1.257	3.813	4	2.297	22.970	
CBGA	1.257	3.813	4	ND	ND	
CBN	1.257	3.813	4	0.876	8.757	
d8-THC	1.257	3.813	4	ND	ND	
d9-THC	1.257	3.813	4	89.907	899.067	
THCA	1.257	3.813	4	ND	ND	
THCV	1.257	3.813	4	0.473	4.734	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	89.907	899.067	
Total CBD	<LOQ	<LOQ	
Total Cannabinoids	94.006	940.059	Q3

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

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Microbial Analysis

Pass

Sample Prep

Batch Date: 10/31/2023
 SOP: 431.AZ
 Batch Number: 272

Sample Analysis

Date: 10/31/2023
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.054 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 100 CFU/g	< 10 CFU/g	Pass	

Sample Prep

Batch Date: 10/30/2023
 SOP: 406.AZ
 Batch Number: 257

Sample Analysis

Date: 10/31/2023
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.010 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	

Sample Prep

Batch Date: 10/30/2023
 SOP: 406.AZ
 Batch Number: 257

Sample Analysis

Date: 10/31/2023
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.010 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Aspergillus flavus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus fumigatus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus niger	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus terreus	Not Detected in One Gram	Not Detected in One Gram	Pass	

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Residual Solvents
 HS-GC-MS **Pass**

Sample Prep
 Batch Date: 10/30/2023
 SOP: 405.AZ
 Batch Number: 256

Sample Analysis
 Date: 10/31/2023
 SOP: 405.AZ - HS-GC-MS
 Sample Weight: 0.051 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	65 / 196	1	1000	ND		Heptane	327 / 980	1	5000	ND	
Acetonitrile	27 / 80	1	410	ND		Hexanes	47 / 142	1	290	ND	
Benzene	0.14 / 0.39	1	2	ND		Isopropyl acetate	327 / 980	1	5000	ND	
Butanes	163 / 490	1	5000	ND		Methanol	196 / 588	1	3000	ND	
Chloroform	4 / 12	1	60	ND		Pentanes	327 / 980	1	5000	ND	
Dichloromethane	39 / 118	1	600	ND		2-Propanol (IPA)	327 / 980	1	5000	ND	
Ethanol	327 / 980	1	5000	ND		Toluene	59 / 175	1	890	ND	
Ethyl acetate	327 / 980	1	5000	ND		Xylenes	284 / 851	1	2170	ND	
Ethyl ether	327 / 980	1	5000	ND							

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Heavy Metals

ICP-MS **Pass**

Sample Prep
 Batch Date: 10/30/2023
 SOP: 428.AZ
 Batch Number: 254

Sample Analysis
 Date: 10/31/2023
 SOP: 428.AZ - ICP-MS
 Sample Weight: 0.2081 g
 Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.019	0.192	10	0.4	ND	
Cadmium	0.019	0.192	10	0.4	ND	
Lead	0.019	0.481	10	1	<LOQ	
Mercury	0.019	0.096	10	0.2	ND	

Mycotoxin Analysis

LC-MS/MS **Pass**

Sample Prep
 Batch Date: 10/30/2023
 SOP: 432.AZ
 Batch Number: 258

Sample Analysis
 Date: 10/31/2023
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.514 g
 Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.89	9.73	1	20	ND	R1V1
Aflatoxin B1	3.89	9.47	1	0	ND	
Aflatoxin B2	3.89	9.47	1	0	ND	R1V1
Aflatoxin G1	3.89	9.47	1	0	ND	
Aflatoxin G2	3.89	4.73	1	0	ND	R1V1
Ochratoxin A	9.73	9.47	1	20	ND	M1V1

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**Pesticides, Fungicides, and
 Growth Regulators**
 LC-MS/MS **Pass**

Sample Prep

Batch Date: 10/30/2023
 SOP: 432.AZ
 Batch Number: 258

Sample Analysis

Date: 10/31/2023
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.514 g
 Volume: 12.5 mL

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Abamectin B1a	0.081 / 0.243	1	0.5	ND	M2	Hexythiazox	0.162 / 0.486	1	1	ND	M2
Acephate	0.065 / 0.195	1	0.4	ND		Imazalil	0.032 / 0.097	1	0.2	ND	M2
Acetamiprid	0.032 / 0.097	1	0.2	ND		Imidacloprid	0.065 / 0.195	1	0.4	ND	V1
Aldicarb	0.065 / 0.195	1	0.4	ND		Kresoxim-methyl	0.065 / 0.195	1	0.4	ND	
Azoxystrobin	0.032 / 0.097	1	0.2	ND		Malathion	0.032 / 0.097	1	0.2	ND	
Bifenazate	0.032 / 0.097	1	0.2	ND		Metaxyl	0.032 / 0.097	1	0.2	ND	
Bifenthrin	0.032 / 0.097	1	0.2	ND	M2	Methiocarb	0.032 / 0.097	1	0.2	ND	
Boscalid	0.065 / 0.195	1	0.4	ND		Methomyl	0.065 / 0.195	1	0.4	ND	
Carbaryl	0.032 / 0.097	1	0.2	ND		Myclobutanil	0.032 / 0.097	1	0.2	ND	
Carbofuran	0.032 / 0.097	1	0.2	ND		Naled	0.081 / 0.243	1	0.5	ND	
Chlorantraniliprole	0.032 / 0.097	1	0.2	ND	L1	Oxamyl	0.162 / 0.486	1	1	ND	
Chlorfenapyr	0.162 / 0.486	1	1	ND	M2 V1	Paclobutrazol	0.065 / 0.195	1	0.4	ND	L1
Chlorpyrifos	0.032 / 0.097	1	0.2	ND	M2	Permethrins	0.032 / 0.097	1	0.2	ND	
Clofentezine	0.032 / 0.097	1	0.2	ND	M2	Phosmet	0.032 / 0.097	1	0.2	ND	
Cyfluthrin	0.162 / 0.486	1	1	ND	M2 V1	Piperonyl Butoxide	0.324 / 0.973	1	2	ND	
Cypermethrin	0.162 / 0.486	1	1	ND	M2	Prallethrin	0.032 / 0.097	1	0.2	ND	M1
Daminozide	0.162 / 0.486	1	1	ND		Propiconazole	0.065 / 0.195	1	0.4	ND	
Diazinon	0.032 / 0.097	1	0.2	ND		Propoxur	0.032 / 0.097	1	0.2	ND	
Dichlorvos	0.017 / 0.049	1	0.1	ND	M2	Pyrethrins	0.136 / 0.408	1	1	ND	V1
Dimethoate	0.032 / 0.097	1	0.2	ND		Pyridaben	0.032 / 0.097	1	0.2	ND	
Ethoprophos	0.032 / 0.097	1	0.2	ND		Spinosad	0.032 / 0.097	1	0.2	ND	M2
Etofenprox	0.065 / 0.195	1	0.4	ND	M2	Spiromesifen	0.032 / 0.097	1	0.2	ND	M2
Etoxazole	0.032 / 0.097	1	0.2	ND		Spirotetramat	0.032 / 0.097	1	0.2	ND	V1
Fenoxycarb	0.032 / 0.097	1	0.2	ND		Spiroxamine	0.065 / 0.195	1	0.4	ND	
Fenpyroximate	0.065 / 0.195	1	0.4	ND	M2	Tebuconazole	0.065 / 0.195	1	0.4	ND	V1
Fipronil	0.065 / 0.195	1	0.4	ND		Thiacloprid	0.032 / 0.097	1	0.2	ND	
Fonicamid	0.162 / 0.486	1	1	ND		Thiamethoxam	0.032 / 0.097	1	0.2	ND	
Fludioxonil	0.065 / 0.195	1	0.4	ND	M2	Trifloxystrobin	0.032 / 0.097	1	0.2	ND	M2

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Qualifier Legend

- B1** The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.
- B2** The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.
- D1** The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- 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.
- M3** The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.
- M4** The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.
- M5** The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.
- M6** A description of the variance is described in the final report of testing according to R9-17- 404.06(B)(3)(d)(ii).
- Q1** Sample integrity was not maintained.
- Q2** The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.
- 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.
- R2** The relative percent difference for a sample and duplicate exceeded the limit.
- 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.

Notes: Harvest Date: 10/24/2023 Manufacturing Date: 10/24/2023 Method: Alcohol

From: 00000019DCGM00234427 Holistic Patient Wellness Group

To: 00000048ESNO41782628 Kannaboost Technology Inc

Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

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