

<b>Final Product Information:</b>	
<i>Product Form</i>	Chocolate Bars   Milk Chocolate   100mg THC
<i>Strain</i>	Hybrid
<i>Batch Number</i>	03-12-23-DSU-A1-F2-MLK100
<i>Manufacture Date</i>	12/6/2023
<i>Expiration Date</i>	12/6/2024
<b>Starting Concentrate Information:</b>	
<i>Type</i>	Distillate
<i>Batch Number</i>	03-12-23-DSU-A1-F2
<i>Harvest/Manufacture Date</i>	03/12/2023
<i>Type of Extraction</i>	Ethanol
<i>Manufactured By</i>	Copperstate Farms   00000019DCGM00234427
<b>Distribution Chain:</b>	
<i>Manufactured By</i>	The Desert Valley Pharmacy Inc   00000089ESLW87335751
<i>Packaged By</i>	The Desert Valley Pharmacy Inc   00000089ESLW87335751
<i>Distributed By</i>	The Desert Valley Pharmacy Inc   00000089ESLW87335751
<i>Marijuana Establishment Name</i>	Licensed Arizona Dispensary



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 #: 00000020LCVTB9602592

### 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

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

Seed-to-Sale #: N/A

### Batch Information

Create Date: 03/12/2023  
Exp. Date: 03/12/2024

Matrix: Distillate  
Pickup Weight: 10 g

### Dispensary Information

Cultivation Facility: Farm  
Processing Facility: Farm

Cultivar(s): Grower's Blend Hybrid

## 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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9282406489  
License #: 000000190CGM00234427  
Order #: 83826  
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**CERTIFICATE OF ANALYSIS**

ISO/IEC: 17025:2017 Accreditation #:

103104

License #: 00000020LCVT89602592

**Sample Prep**

Techn: 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  
Techn: 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	0.32240.977	2	0.5684	5.684	
CBD	0.32240.977	2	0.2286	2.286	
CBDA	0.32240.977	2	ND	ND	
CBDV	0.32240.977	2	ND	ND	
CBG	0.32240.977	2	2.6339	26.339	
CBGA	0.32240.977	2	ND	ND	
CBN	0.32240.977	2	1.0232	10.232	
d8-THC	0.32240.977	2	ND	ND	
d9-THC	0.32240.977	2	89.9177	899.177	
THCA	0.32240.977	2	ND	ND	
THCV	0.32240.977	2	0.3611	3.611	

Total THC = THC + (0.877 \* THCA) and Total CBD = CBD + (0.877 \* 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

**Ahmed Munshi**

Lab Director



**Arizona**

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Retail Batch #: 03.12.23.DSU.A1.F2

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

**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	LOO/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)	QUALIFIER
Aflatoxin B1	4/10	1	0	ND	IL
Aflatoxin B2	4/10	1	0	ND	IL
Aflatoxin G1	4/10	1	0	ND	IL
Aflatoxin G2	4/5	1	0	ND	
Ochratoxin A	10/10	1	20	ND	RLVLJ1
Total Aflatoxins	4/10	1	20	ND	

**Ahmed Munshi**

Lab Director

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Copperstate Farms  
650 N. Industrial Dr.  
Snowflake, AZ, 85937  
9282406489  
License #: 00000019DCGM00234427  
Order #: 83826  
Retail Batch #: 03.12.23.DSUA1F2

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

**Pesticides, Fungicides, and Growth Regulators**

LC-MS/MS

**PASS**

**Sample Prep**

Test: 3978  
SOP: 432LAZ  
Batch Number: 61524  
Batch Date: 08/26/2023 12:35:30

**Sample Analysis**

Date/Time: 08/28/2023 17:18:20  
Test: 2463  
SOP: 424LAZ  
Final Weight: 0.51 g  
Volume: 12.5 ml

ANALYTE	LOD/LOQ (ppm)	DL	ACTION LEVEL (ppm)	RESULTS (ppm)	QUALIFIER	ANALYTE	LOD/LOQ (ppm)	DL	ACTION LIMIT (ppm)	RESULTS (ppm)	QUALIFIER
Abamectin	0.083/0.25	1	0.5	ND	LLM2	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		Metathion	0.033/0.1	1	0.2	ND	
Azoxystrobin	0.033/0.1	1	0.2	ND		Metolachl	0.033/0.1	1	0.2	ND	
Bifenthrin	0.033/0.1	1	0.2	ND	M2	Methidathion	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	
Bescafid	0.067/0.2	1	0.4	ND	M2	Myiothianil	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/J1	Permethrin	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
Clofentazone	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	
Ethionphos	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	
Flonicanil	0.167/0.5	1	1	ND		Trifloxystrobin	0.033/0.1	1	0.2	ND	M2
Fluxifenil	0.067/0.2	1	0.4	ND	M2						

Ahmed Munshi

Lab Director

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9282406489  
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Order #: 83826  
Retail Batch #: 03.12.23.DSU.A1F2

**CERTIFICATE OF ANALYSIS**

ISO/IEC: 17025:2017 Accreditation #:

103104

License #: 00000020LCVT89602592

**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: 3957  
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	800	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	0.03/0.2	10	0.4	ND	
Cadmium	0.03/0.2	10	0.4	ND	
Lead	0.03/0.5	10	1	ND	
Mercury	0.03/0.6	10	1.2	ND	

Ahmed Munshi

Lab Director



Arizona

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**MICROBIAL ANALYSIS**  
**PASS**

**Sample Prep**

Tech: 3988  
SOP: 431.AZ

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

Date/Time: 09/28/2023 15:45:02  
Tech: 3988  
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: 3988  
SOP: 406.AZ

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

Date/Time: 09/28/2023 17:22:03  
Tech: 3988  
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: 3988  
SOP: 406.AZ

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

Date/Time: 09/28/2023 17:22:03  
Tech: 3988  
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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## Bunkhouse Brands

License #: 0000089ESLW97335751  
2949 North 31st Ave  
Phoenix, AZ 85258  
(623) 466-5122

Additional Licenses:  
Batch #: 03-12-23-DSU-A1-F2-MLK100; External Lot #: 03-12-23-DSU-A1-F2-MLK100  
Source Batch #: 03-12-23-DSU-A1-F2-MLK100  
Sample Batch Collection: 11/14/23 14:12  
Sample Received: 11/14/2023; Report Created: 11/20/2023

Milk 100mg  
Hybrid

Laboratory Number: 2311033-04  
Matrix: Ingestible

<b>Metals</b> Not Tested	<b>Pesticides</b> Not Tested	<b>Residual Solvents</b> Not Tested	<b>E. coli</b> PASS	<b>Mycotoxins</b> PASS	<b>Aspergillus</b> Not Tested	<b>Salmonella</b> PASS
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Sample Image



Residual Solvents (GC-MS) Analyzed: By:

SOP: 004	RL	ppm	Q
Propane	NT	NT	
Butanes	NT	NT	
Pentanes	NT	NT	
Acetonitrile	NT	NT	
Dichloromethane	NT	NT	
Hexanes	NT	NT	
Chloroform	NT	NT	
n-Heptane	NT	NT	
Methanol	NT	NT	
Ethanol	NT	NT	
Diethyl Ether	NT	NT	
Acetone	NT	NT	
Isopropanol	NT	NT	
Ethyl acetate	NT	NT	
Isopropyl acetate	NT	NT	
Benzene	NT	NT	
Toluene	NT	NT	
Xylenes	NT	NT	

Cannabinoid (HPLC-DAD) Analyzed: 11/17/23 By: MLC

SOP: 003	LOQ %	mg/g	mg/unit	%	Q
THC-A	0.00192	ND	ND	ND	
delta 9-THC	0.01916	2.0369	91.66	0.20369	D1
delta 8-THC	0.00192	ND	ND	ND	
THC-V	0.00192	ND	ND	ND	
CBG-A	0.00192	ND	ND	ND	
CBD-A	0.00192	ND	ND	ND	
CBD	0.00192	ND	ND	ND	
CBD-V	0.00192	ND	ND	ND	
CBN	0.00192	ND	ND	ND	
CBG	0.00192	0.0497	2.237	0.00497	
CBC	0.00192	ND	ND	ND	
delta 8 THC-V	0.00192	ND	ND	ND	

Metals (ICP-MS) Analyzed: By:

SOP: 035	RL	ppm	Q
Arsenic	NT	NT	
Cadmium	NT	NT	
Lead	NT	NT	
Mercury	NT	NT	

Microbials (Petrifilm) Analyzed: 11/17/2023 By: TAM

SOP : 023	RL	Result	Units	Q
E. coli	10	<10	cfu/g	

Microbials (PCR) Analyzed: By:

SOP:	RL	Result	Units	Q
Aspergillus	NT	NT	per gram	

Microbials (PCR) Analyzed: 11/16/2023 By: TAM

SOP: 028	RL	Result	Units	Q
Salmonella	1.00	Not Detected	per gram	

2.0369 mg/g 91.66 mg/unit 0.20369 % <b>Total THC</b>	0.0000 mg/g 0.00 mg/unit 0.00000 % <b>Total CBD</b>	2.0866 mg/g 93.90 mg/unit 0.20866% <b>Total Cannabinoids</b> <sup>Q3</sup>
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Total THC = THCa \* 0.877 + delta 9-THC; Total CBD = CBDA \* 0.877 + CBD

Mycotoxins (LC-MS/MS) Analyzed: 11/18/23 By: EGP

SOP: 011	RL	ppb	Q
Aflatoxins	9.79	ND	
Ochratoxins	9.79	ND	L1, M1

RL = Reporting Limit  
NT = Not Tested  
ND = Non Detected  
LOQ = Limit of Quantitation



Erin Polly  
Technical Laboratory Director



Testing results were obtained according to requirements in the quality assurance plan in R9-17-404.05, in the applicable standard operating procedure, and in R9-17-404.03 or R9-17-404.04. Any variances from these requirements, and the reason for the variance, will be documented in the case narrative. Values reported only relate to the sample as received. Desert Valley Testing makes no claims to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full without the written approval of Desert Valley Testing.



3520 N 7th St.  
 Phoenix, AZ 85014  
 (480) 788-6644  
 www.desertvalleytesting.com

# Certificate of Analysis

ISO/IEC 17025:2017 Certificate #: AT-2837

License #: 0000031LRCHX78341676

## Bunkhouse Brands

License #: 0000089ESLW97335751  
 2949 North 31st Ave  
 Phoenix, AZ 85258  
 (623) 466-5122

Additional Licenses:

Batch #: 03-12-23-DSU-A1-F2-MLK100; External Lot #: 03-12-23-DSU-A1-F2-MLK100

Source Batch #: 03-12-23-DSU-A1-F2-MLK100

Sample Batch Collection: 11/14/23 14:12

Sample Received: 11/14/2023; Report Created: 11/20/2023

Milk 100mg  
 Hybrid

Laboratory Number: 2311033-04  
 Matrix: Ingestible

Pesticides (LC-MS/MS) Analyzed: By:							
SOP: 011	RL	ppm	Q		RL	ppm	Q
Acephate	NT	NT		Acequinocyl	NT	NT	
Acetamiprid	NT	NT		Aldicarb	NT	NT	
Azoxystrobin	NT	NT		Bifenthrin	NT	NT	
Boscalid	NT	NT		Carbaryl	NT	NT	
Carbofuran	NT	NT		Chlorpyrifos	NT	NT	
Diazinon	NT	NT		Dimethoate	NT	NT	
Ethoprophos	NT	NT		Etofenprox	NT	NT	
Etoxazole	NT	NT		Fenoxycarb	NT	NT	
Fenpyroximate E	NT	NT		Flonicamid	NT	NT	
Fludioxonil	NT	NT		Hexythiazox	NT	NT	
Imazalil	NT	NT		Imidacloprid	NT	NT	
Kresoxim-methyl	NT	NT		Malathion	NT	NT	
Metalaxyl	NT	NT		Methiocarb	NT	NT	
Methomyl	NT	NT		Myclobutanil	NT	NT	
Naled	NT	NT		Oxamyl	NT	NT	
Piperonyl butoxide	NT	NT		Propiconazole	NT	NT	
Propoxure	NT	NT		Spiromesifen	NT	NT	
Spirotetramat	NT	NT		Spiroxamine	NT	NT	
Tebuconazole	NT	NT		Thiacloprid	NT	NT	
Thiamethoxam	NT	NT		Trifloxystrobin	NT	NT	
Abamectin	NT	NT		Bifenazate	NT	NT	
Chlorantraniliprole	NT	NT		Clofentezine	NT	NT	
Cyfluthrin	NT	NT		Cypermethrin	NT	NT	
Daminozide	NT	NT		DDVP (Dichlorvos)	NT	NT	
Fipronil	NT	NT		Paclobutrazol	NT	NT	
Permethrins	NT	NT		Phosmet	NT	NT	
Prallethrin	NT	NT		Pyrethrins	NT	NT	
Pyridaben	NT	NT		Spinosad	NT	NT	
Chlorfenapyr	NT	NT					

RL = Reporting Limit  
 NT = Not Tested  
 ND = Non Detected  
 LOQ = Limit of Quantitation

Erin Polly  
 Technical Laboratory Director



Testing results were obtained according to requirements in the quality assurance plan in R9-17-404.05, in the applicable standard operating procedure, and in R9-17-404.03 or R9-17-404.04. Any variances from these requirements, and the reason for the variance, will be documented in the case narrative. Values reported only relate to the sample as received. Desert Valley Testing makes no claims to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full without the written approval of Desert Valley Testing.



3520 N 7th St.  
Phoenix, AZ 85014  
(480) 788-6644  
www.desertvalleytesting.com

# Certificate of Analysis

ISO/IEC 17025:2017 Certificate #: AT-2837

License #: 0000031LRCHX78341676

## Bunkhouse Brands

License #: 0000089ESLW97335751  
2949 North 31st Ave  
Phoenix, AZ 85258  
(623) 466-5122

Additional Licenses:

Batch #: 03-12-23-DSU-A1-F2-MLK100; External Lot #: 03-12-23-DSU-A1-F2-MLK100  
Source Batch #: 03-12-23-DSU-A1-F2-MLK100  
Sample Batch Collection: 11/14/23 14:12  
Sample Received: 11/14/2023; Report Created: 11/20/2023

Milk 100mg

Laboratory Number: 2311033-04

Hybrid

Matrix: Ingestible

Microbials (Petrifilm) Analyzed: By:				
SOP: 006	RL	Result	Units	Q
Total Coliform	NT	NT	cfu/g	Q3
Yeast	NT	NT	cfu/g	Q3
Mold	NT	NT	cfu/g	Q3
Aerobic Bacteria	NT	NT	cfu/g	Q3

Terpenes (GC-MS) Analyzed: By:			
SOP: 005	mg/g	%	Q
alpha-Bisabolol	NT	NT	Q3
(-)-Borneol and (+)-Borneol	NT	NT	Q3
Camphene	NT	NT	Q3
Camphor	NT	NT	Q3
beta-Caryophyllene	NT	NT	Q3
trans-Caryophyllene	NT	NT	Q3
Caryophyllene Oxide	NT	NT	Q3
alpha-Cedrene	NT	NT	Q3
Cedrol	NT	NT	Q3
Endo-fenchyl Alcohol	NT	NT	Q3
Eucalyptol	NT	NT	Q3
Fenchone	NT	NT	Q3
Geraniol	NT	NT	Q3
Geranyl acetate	NT	NT	Q3
Guaiol	NT	NT	Q3
Hexahydrothymol	NT	NT	Q3
alpha-Humulene	NT	NT	Q3
Isoborneol	NT	NT	Q3
Isopulegol	NT	NT	Q3
Limonene	NT	NT	Q3
Linalool	NT	NT	Q3
p-Mentha-1,5-diene	NT	NT	Q3
beta-Myrcene	NT	NT	Q3
trans-Nerolidol	NT	NT	Q3
Ocimene	NT	NT	Q3
alpha-Pinene	NT	NT	Q3
beta-Pinene	NT	NT	Q3
Pulegone	NT	NT	Q3
Sabinene	NT	NT	Q3
Sabinene Hydrate	NT	NT	Q3
gamma-Terpinene	NT	NT	Q3
alpha-Terpinene	NT	NT	Q3
3-Carene	NT	NT	Q3
Terpineol	NT	NT	Q3
Terpinolene	NT	NT	Q3
Valencene	NT	NT	Q3
Nerol	NT	NT	Q3
cis-Nerolidol	NT	NT	Q3
<b>Total Terpenes</b>	NT	NT	Q3

Water Activity (Water Activity Meter) Analyzed: By:			
SOP: 007	AW, 25 °C		Q
Water Activity	NT		Q3

Moisture (Moisture Analyzer) Analyzed: By:			
SOP: 008	%		Q
Percent Moisture	NT		Q3

pH Test (pH Meter) Analyzed: By:			
SOP: 022	NA		Q
pH	NT		Q3

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Technical Laboratory Director



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## Bunkhouse Brands

License #: 0000089ESLW97335751  
 2949 North 31st Ave  
 Phoenix, AZ 85258  
 (623) 466-5122

Additional Licenses:

Batch #: 03-12-23-DSU-A1-F2-MLK100; External Lot #: 03-12-23-DSU-A1-F2-MLK100  
 Source Batch #: 03-12-23-DSU-A1-F2-MLK100  
 Sample Batch Collection: 11/14/23 14:12  
 Sample Received: 11/14/2023; Report Created: 11/20/2023

Milk 100mg  
 Hybrid

Laboratory Number: 2311033-04  
 Matrix: Ingestible

### QUALIFIER DEFINITIONS

- Q3 Testing results is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R 9-17-317.01(A) or labeling requirements in R9-17-317.
- D1 The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- L1 The percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.
- M1 Matrix spike recovery is high, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.

### CASE NARRATIVE

RL = Reporting Limit  
 NT = Not Tested  
 ND = Non Detected  
 LOQ = Limit of Quantitation



Erin Polly  
 Technical Laboratory Director



Testing results were obtained according to requirements in the quality assurance plan in R9-17-404.05, in the applicable standard operating procedure, and in R9-17-404.03 or R9-17-404.04. Any variances from these requirements, and the reason for the variance, will be documented in the case narrative. Values reported only relate to the sample as received. Desert Valley Testing makes no claims to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full without the written approval of Desert Valley Testing.



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

## 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

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

Seed-to-Sale #: N/A

## Batch Information

Create Date: 03/12/2023  
Exp. Date: 03/12/2024

Matrix: Distillate  
Pickup Weight: 10 g

## Dispensary Information

Cultivation Facility: Farm  
Processing Facility: Farm

Cultivar(s): Grower's Blend Hybrid

## 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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Order #: 83826  
Retail Batch #:  
03.12.23.DSU.A1.F2

**CERTIFICATE OF ANALYSIS**  
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103104  
License #: 00000020LCVT89602592

**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

**Ahmed Munshi**

Lab Director



**Arizona**

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03.12.23.DSU.A1.F2

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103104  
License #: 00000020LCVT89602592

**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	

**Ahmed Munshi**

Lab Director



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Order #: 83826  
Retail Batch #:  
03.12.23.DSU.A1.F2

**CERTIFICATE OF ANALYSIS**  
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103104  
License #: 00000020LCVT89602592

**Pesticides, Fungicides, and Growth Regulators**

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 (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						

**Ahmed Munshi**

Lab Director



**Arizona**

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03.12.23.DSU.A1.F2

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103104  
License #: 00000020LCVT89602592

**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	

**Ahmed Munshi**

Lab Director



**Arizona**

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

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103104  
License #: 00000020LCVT89602592

**MICROBIAL ANALYSIS**

**PASS**

**Sample Prep**

Tech: 3958  
SOP: 431.AZ

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

**Sample Analysis**

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

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

**Sample Analysis**

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

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

**Sample Analysis**

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

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	

**Ahmed Munshi**

Lab Director



**Arizona**

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



The product associated with this COA has been tested by Green Scientific Labs AZ, LLC, a Smithers Company, using validated state certified testing methodologies as required by Arizona state law. This COA is governed by the terms and conditions listed on: <https://www.smithers.com/arizona-terms-conditions>



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

### 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*

**Ahmed Munshi**

Lab Director

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