



MDM Prime LLC
 2015 N Forbes
 Suite 110
 Tucson, AZ 85745
 License #: 00000039DCVR00320237
 Sample ID: 2408SMAZ1036.3144
 Batch #: A501240809



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 7672

Orange Creamsicle, Sunny Sativa - 1000mg

Batch #: A501240809
 Strain: Blue Dream
 Parent Batch #: OGZD-VE510S
 Production Method: Alcohol
 Harvest Date: 04/01/2024
 Received: 08/12/2024

Sample ID: 2408SMAZ1036.3144
 Amount Received: 60.4 g
 Sample Type: Soft Chew
 Sample Collected: 08/12/2024 10:50:00
 Manufacture Date: 08/09/2024
 Published: 08/15/2024



COMPLIANCE FOR RETAIL

Regulated Analytes

Cannabinoid Profile (Q3) Tested	Microbial Contaminants Pass	Residual Solvents Not Tested
Pesticides, Fungicides, and Growth Regulators Not Tested	Mycotoxins Not Tested	Heavy Metals Not Tested

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

1.651% Total THC
0.013% Total CBD
0.010% CBN
0.049% CBG
1.759% Total Cannabinoids (Q3)

Ahmed Munshi

Technical Laboratory Director

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



The product associated with this COA has been tested by Smithers CTS Arizona LLC, using validated state certified testing methodologies as required by Arizona state law. Testing results were obtained according to Smithers' quality assurance plan and requirements found in R9-17-404.03 and R9-17-404.04. This COA is governed by the terms and conditions listed on: <https://www.smithers.com/arizona-terms-conditions>



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Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 08/12/2024
 SOP: 418.AZ
 Batch Number: 1788

Sample Analysis

Date: 08/13/2024
 SOP: 417.AZ - HPLC
 Sample Weight: 1.018 g
 Volume: 10 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
CBC	0.006	0.019	2	0.025	0.251	1.516	15.160	M2
CBD	0.006	0.019	2	0.013	0.125	0.755	7.550	M2
CBDA	0.006	0.019	2	ND	ND	ND	ND	M2
CBDV	0.006	0.019	2	ND	ND	ND	ND	M2
CBG	0.006	0.019	2	0.049	0.494	2.984	29.838	M2
CBGA	0.006	0.019	2	ND	ND	ND	ND	M2
CBN	0.006	0.019	2	0.010	0.098	0.592	5.919	M2
d8-THC	0.006	0.019	2	ND	ND	ND	ND	M2
d9-THC	0.006	0.019	2	1.651	16.509	99.714	997.144	M2
THCA	0.006	0.019	2	ND	ND	ND	ND	M2
THCV	0.006	0.019	2	0.011	0.110	0.664	6.644	M2

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	1.651	16.509	99.714	997.144	
Total CBD	0.013	0.125	0.755	7.550	
Total Cannabinoids	1.759	17.588	106.232	1062.315	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
 Serving Weight: 6.04 None; Servings/Package: 10

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Certificate: 7672

Microbial Analysis
 Pass

Sample Prep

Batch Date: 08/13/2024
 SOP: 431.AZ
 Batch Number: 1791

Sample Analysis

Date: 08/14/2024
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.095 g

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

Sample Prep

Batch Date: 08/13/2024
 SOP: 406.AZ
 Batch Number: 1793

Sample Analysis

Date: 08/14/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.053 g

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

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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.

Cultivated By:

Manufactured By:

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

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Notes:



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 Sample ID: 2407SMAZ0897.2693
 Batch #: OGZD-VE510S



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 7014

Sativa Distillate

Batch #: OGZD-VE510S
 Strain: Blue Dream
 Parent Batch #: OGZD-VE510S
 Production Method: Alcohol
 Harvest Date: 04/01/2024
 Received: 07/09/2024

Sample ID: 2407SMAZ0897.2693
 Amount Received: 7 g
 Sample Type: Distillate
 Sample Collected: 07/09/2024 13:32:00
 Manufacture Date:
 Published: 07/15/2024



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

88.765% Total THC
1.993% Total CBD
1.502% CBN
2.768% CBG
97.454% Total Cannabinoids (Q3)

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Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 07/11/2024
 SOP: 418.AZ
 Batch Number: 1634

Sample Analysis

Date: 07/12/2024
 SOP: 417.AZ - HPLC
 Sample Weight: 0.042 g
 Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.307	0.930	1	1.538	15.385	
CBD	0.307	0.930	1	1.993	19.925	
CBDA	0.307	0.930	1	ND	ND	
CBDV	0.307	0.930	1	ND	ND	
CBG	0.307	0.930	1	2.768	27.679	
CBGA	0.307	0.930	1	ND	ND	
CBN	0.307	0.930	1	1.502	15.019	
d8-THC	0.307	0.930	1	ND	ND	
d9-THC	0.307	0.930	1	88.765	887.648	
THCA	0.307	0.930	1	ND	ND	
THCV	0.307	0.930	1	0.889	8.890	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	88.765	887.648	
Total CBD	1.993	19.925	
Total Cannabinoids	97.454	974.545	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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Certificate: 7014

Microbial Analysis
Pass

Sample Prep

Batch Date: 07/10/2024
 SOP: 431.AZ
 Batch Number: 1625

Sample Analysis

Date: 07/15/2024
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.024 g

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

Sample Prep

Batch Date: 07/10/2024
 SOP: 406.AZ
 Batch Number: 1624

Sample Analysis

Date: 07/11/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.006 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: 07/10/2024
 SOP: 406.AZ
 Batch Number: 1624

Sample Analysis

Date: 07/11/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.006 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: 07/09/2024
 SOP: 405.AZ
 Batch Number: 1612

Sample Analysis

Date: 07/10/2024
 SOP: 405.AZ - HS-GC-MS
 Sample Weight: 0.055 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	60 / 182	1	1000	ND		Heptane	304 / 909	1	5000	ND	
Acetonitrile	25 / 75	1	410	ND		Hexanes	44 / 132	1	290	ND	
Benzene	0.13 / 0.36	1	2	ND		Isopropyl acetate	304 / 909	1	5000	ND	
Butanes	151 / 455	1	5000	ND		Methanol	182 / 545	1	3000	ND	
Chloroform	4 / 11	1	60	ND		Pentanes	304 / 909	1	5000	ND	
Dichloromethane	36 / 109	1	600	ND		2-Propanol (IPA)	304 / 909	1	5000	ND	
Ethanol	304 / 909	1	5000	ND		Toluene	55 / 162	1	890	ND	
Ethyl acetate	304 / 909	1	5000	ND		Xylenes	264 / 789	1	2170	ND	
Ethyl ether	304 / 909	1	5000	ND							

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Heavy Metals

ICP-MS **Pass**

Sample Prep
 Batch Date: 07/12/2024
 SOP: 428.AZ
 Batch Number: 1637

Sample Analysis
 Date: 07/12/2024
 SOP: 428.AZ - ICP-MS
 Sample Weight: 0.228 g
 Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.018	0.176	10	0.4	ND	
Cadmium	0.018	0.176	10	0.4	ND	
Lead	0.018	0.439	10	1	ND	
Mercury	0.018	0.088	10	0.2	ND	

Mycotoxin Analysis

LC-MS/MS **Pass**

Sample Prep
 Batch Date: 07/09/2024
 SOP: 432.AZ
 Batch Number: 1621

Sample Analysis
 Date: 07/10/2024
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.566 g
 Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.53	8.83	1	20	ND	L1 M2
Aflatoxin B1	3.53	8.83	1		ND	M2
Aflatoxin B2	3.53	8.83	1		ND	I1
Aflatoxin G1	3.53	8.83	1		ND	
Aflatoxin G2	3.53	4.42	1		ND	I1, L1 M2
Ochratoxin A	8.83	8.83	1	20	ND	I1

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

Sample Prep

Batch Date: 07/09/2024
 SOP: 432.AZ
 Batch Number: 1621

Sample Analysis

Date: 07/10/2024
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.566 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	0.073 / 0.221	1	0.5	ND	M2	Hexythiazox	0.148 / 0.442	1	1	ND	M2
Acephate	0.059 / 0.177	1	0.4	ND		Imazalil	0.029 / 0.088	1	0.2	ND	
Acetamiprid	0.029 / 0.088	1	0.2	ND		Imidacloprid	0.059 / 0.177	1	0.4	ND	
Aldicarb	0.059 / 0.177	1	0.4	ND		Kresoxim-methyl	0.059 / 0.177	1	0.4	ND	M2
Azoxystrobin	0.029 / 0.088	1	0.2	ND		Malathion	0.029 / 0.088	1	0.2	ND	I1, M2
Bifenazate	0.029 / 0.088	1	0.2	ND	M1 V1	Metalaxyl	0.029 / 0.088	1	0.2	ND	
Bifenthrin	0.029 / 0.088	1	0.2	ND	M2	Methiocarb	0.029 / 0.088	1	0.2	ND	
Boscalid	0.059 / 0.177	1	0.4	ND	M2	Methomyl	0.059 / 0.177	1	0.4	ND	
Carbaryl	0.029 / 0.088	1	0.2	ND	M2	Myclobutanil	0.029 / 0.088	1	0.2	ND	M2
Carbofuran	0.029 / 0.088	1	0.2	ND		Naled	0.073 / 0.221	1	0.5	ND	M2
Chlorantraniliprole	0.029 / 0.088	1	0.2	ND		Oxamyl	0.148 / 0.442	1	1	ND	M1
Chlorfenapyr	0.148 / 0.442	1	1	ND	M2	Pacllobutrazol	0.059 / 0.177	1	0.4	ND	
Chlorpyrifos	0.029 / 0.088	1	0.2	ND	M2	Permethrins	0.029 / 0.088	1	0.2	ND	M2
Clofentezine	0.029 / 0.088	1	0.2	ND	M2	Phosmet	0.029 / 0.088	1	0.2	ND	M2
Cyfluthrin	0.148 / 0.442	1	1	ND	I1, M2	Piperonyl Butoxide	0.294 / 0.883	1	2	ND	M2
Cypermethrin	0.148 / 0.442	1	1	ND	I1, M2	Prallethrin	0.029 / 0.088	1	0.2	ND	
Daminozide	0.148 / 0.442	1	1	ND		Propiconazole	0.059 / 0.177	1	0.4	ND	M2
Diazinon	0.029 / 0.088	1	0.2	ND	M2	Propoxur	0.029 / 0.088	1	0.2	ND	
Dichlorvos	0.015 / 0.044	1	0.1	ND		Pyrethrins	0.123 / 0.370	1	1	ND	M2
Dimethoate	0.029 / 0.088	1	0.2	ND		Pyridaben	0.029 / 0.088	1	0.2	ND	M2
Ethoprophos	0.029 / 0.088	1	0.2	ND	M2	Spinosad	0.029 / 0.088	1	0.2	ND	
Etofenprox	0.059 / 0.177	1	0.4	ND	M2	Spiromesifen	0.029 / 0.088	1	0.2	ND	M2
Etoxazole	0.029 / 0.088	1	0.2	ND		Spirotetramat	0.029 / 0.088	1	0.2	ND	
Fenoxycarb	0.029 / 0.088	1	0.2	ND	M2	Spiroxamine	0.059 / 0.177	1	0.4	ND	
Fenpyroximate	0.059 / 0.177	1	0.4	ND	M2	Tebuconazole	0.059 / 0.177	1	0.4	ND	I1, M2
Fipronil	0.059 / 0.177	1	0.4	ND	V1	Thiacloprid	0.029 / 0.088	1	0.2	ND	
Fonicamid	0.148 / 0.442	1	1	ND		Thiamethoxam	0.029 / 0.088	1	0.2	ND	
Fludioxonil	0.059 / 0.177	1	0.4	ND	M2	Trifloxystrobin	0.029 / 0.088	1	0.2	ND	M2

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The product associated with this COA has been tested by Smithers CTS Arizona LLC, using validated state certified testing methodologies as required by Arizona state law. Testing results were obtained according to Smithers' quality assurance plan and requirements found in R9-17-404.03 and R9-17-404.04. This COA is governed by the terms and conditions listed on: <https://www.smithers.com/arizona-terms-conditions>



MDM Prime LLC
 2015 N Forbes
 Suite 110
 Tucson, AZ 85745
 License #: 00000039DCVR00320237
 Sample ID: 2407SMAZ0897.2693
 Batch #: OGZD-VE510S



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 7014

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.

Cultivated By:

Manufactured By:

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

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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SMITHERS

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Notes:



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