



MDM Prime LLC  
 2015 N Forbes  
 Suite 110  
 Tucson, AZ 85745  
 License #: 00000039DCVR00320237  
 Sample ID: 2401SMAZ0117.0382  
 Batch #: A002240117



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

Certificate: 3787

## The Creams, Sunny Sativa - 100 mg

Batch #: A002240117  
 Strain: Blue Dream  
 Parent Batch #: OGZD-VE123S  
 Production Method: CO2  
 Harvest Date:  
 Received: 01/25/2024

Sample ID: 2401SMAZ0117.0382  
 Amount Received: 60.5 g  
 Sample Type: Soft Chew  
 Sample Collected: 01/25/2024 11:29:00  
 Manufacture Date:  
 Published: 01/31/2024



## COMPLIANCE FOR RETAIL

### Regulated Analytes

Cannabinoid Profile (Q3) <b>Tested</b>	Microbial Contaminants <b>Pass</b>	Residual Solvents <b>Not Tested</b>	<b>0.158%</b> Total THC
Pesticides, Fungicides, and Growth Regulators <b>Not Tested</b>	Mycotoxins <b>Not Tested</b>	Heavy Metals <b>Not Tested</b>	<b>&lt;LOQ</b> Total CBD
<b>Additional Analytes (Not Regulated)</b>			<b>&lt;LOQ</b> CBN
Terpenes Total (Q3) <b>Not Tested</b>	Moisture Analysis (Q3) <b>Not Tested</b>	Water Activity (Q3) <b>Not Tested</b>	<b>0.003%</b> CBG
Filth & Foreign (Q3) <b>Not Tested</b>	Homogeneity (Q3) <b>Not Tested</b>	Additional Microbial Contaminants (Q3) <b>Not Tested</b>	<b>0.164%</b> 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: 01/25/2024  
 SOP: 418.AZ  
 Batch Number: 800

**Sample Analysis**

Date: 01/26/2024  
 SOP: 417.AZ - HPLC  
 Sample Weight: 1.005 g  
 Volume: 10 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
CBC	0.003	0.010	1	0.002	0.015	0.091	0.907	
CBD	0.003	0.010	1	<LOQ	<LOQ	<LOQ	<LOQ	
CBDA	0.003	0.010	1	ND	ND	ND	ND	
CBDV	0.003	0.010	1	ND	ND	ND	ND	
CBG	0.003	0.010	1	0.003	0.031	0.188	1.875	
CBGA	0.003	0.010	1	ND	ND	ND	ND	
CBN	0.003	0.010	1	<LOQ	<LOQ	<LOQ	<LOQ	
d8-THC	0.003	0.010	1	ND	ND	ND	ND	
d9-THC	0.003	0.010	1	0.158	1.584	9.583	95.832	
THCA	0.003	0.010	1	ND	ND	ND	ND	
THCV	0.003	0.010	1	0.001	0.010	0.060	0.605	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.158	1.584	9.583	95.832	
Total CBD	<LOQ	<LOQ	<LOQ	<LOQ	
Total Cannabinoids	0.164	1.640	9.922	99.220	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: 6.05 None; Servings/Package: 10

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 Batch #: A002240117



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**Microbial Analysis**  
 Pass

**Sample Prep**

Batch Date: 01/29/2024  
 SOP: 431.AZ  
 Batch Number: 811

**Sample Analysis**

Date: 01/30/2024  
 SOP: 431.AZ - TEMPO (MPN)  
 Sample Weight: 1.006 g

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

**Sample Prep**

Batch Date: 01/29/2024  
 SOP: 406.AZ  
 Batch Number: 807

**Sample Analysis**

Date: 01/31/2024  
 SOP: 406.AZ - qPCR (MG)  
 Sample Weight: 1.007 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: 2401SMAZ0024.0074  
 Batch #: OGZD-VE123S



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Certificate: 3367

## Sativa Distillate

Batch #: OGZD-VE123S  
 Strain: Blue Dream  
 Parent Batch #: OGZD-VE123S  
 Production Method: CO2  
 Harvest Date:  
 Received: 01/08/2024

Sample ID: 2401SMAZ0024.0074  
 Amount Received: 7 g  
 Sample Type: Distillate  
 Sample Collected: 01/08/2024 10:05:00  
 Manufacture Date:  
 Published: 01/10/2024



## COMPLIANCE FOR RETAIL

### Regulated Analytes

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

### Additional Analytes (Not Regulated)

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

<b>89.372%</b> Total THC
<b>0.258%</b> Total CBD
<b>0.265%</b> CBN
<b>1.670%</b> CBG
<b>93.132%</b> Total Cannabinoids (Q3)

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Certificate: 3367

**Cannabinoid Profile**

HPLC

Tested

**Sample Prep**

Batch Date: 01/08/2024  
 SOP: 418.AZ  
 Batch Number: 685

**Sample Analysis**

Date: 01/09/2024  
 SOP: 417.AZ - HPLC  
 Sample Weight: 0.040 g  
 Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.322	0.977	1	0.901	9.007	
CBD	0.322	0.977	1	0.258	2.580	
CBDA	0.322	0.977	1	ND	ND	
CBDV	0.322	0.977	1	ND	ND	
CBG	0.322	0.977	1	1.670	16.703	
CBGA	0.322	0.977	1	ND	ND	
CBN	0.322	0.977	1	0.265	2.655	
d8-THC	0.322	0.977	1	ND	ND	
d9-THC	0.322	0.977	1	89.372	893.723	
THCA	0.322	0.977	1	ND	ND	
THCV	0.322	0.977	1	0.666	6.656	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	89.372	893.723	
Total CBD	0.258	2.580	
Total Cannabinoids	93.132	931.324	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: 01/09/2024  
 SOP: 431.AZ  
 Batch Number: 687

**Sample Analysis**

Date: 01/10/2024  
 SOP: 431.AZ - TEMPO (MPN)  
 Sample Weight: 1.004 g

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

**Sample Prep**

Batch Date: 01/09/2024  
 SOP: 406.AZ  
 Batch Number: 686

**Sample Analysis**

Date: 01/10/2024  
 SOP: 406.AZ - qPCR (MG)  
 Sample Weight: 1.008 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: 01/09/2024  
 SOP: 406.AZ  
 Batch Number: 686

**Sample Analysis**

Date: 01/10/2024  
 SOP: 406.AZ - qPCR (MG)  
 Sample Weight: 1.008 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: 01/08/2024  
 SOP: 405.AZ  
 Batch Number: 681

**Sample Analysis**  
 Date: 01/09/2024  
 SOP: 405.AZ - HS-GC-MS  
 Sample Weight: 0.053 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	62 / 189	1	1000	ND		Heptane	315 / 943	1	5000	ND	
Acetonitrile	26 / 77	1	410	ND		Hexanes	45 / 137	1	290	ND	
Benzene	0.13 / 0.38	1	2	ND		Isopropyl acetate	315 / 943	1	5000	ND	
Butanes	157 / 472	1	5000	ND	M2	Methanol	189 / 566	1	3000	ND	
Chloroform	4 / 11	1	60	ND		Pentanes	315 / 943	1	5000	ND	
Dichloromethane	38 / 113	1	600	ND		2-Propanol (IPA)	315 / 943	1	5000	ND	
Ethanol	315 / 943	1	5000	ND		Toluene	57 / 168	1	890	ND	
Ethyl acetate	315 / 943	1	5000	ND		Xylenes	274 / 819	1	2170	ND	
Ethyl ether	315 / 943	1	5000	ND							

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**Heavy Metals**

ICP-MS **Pass**

**Sample Prep**  
 Batch Date: 01/10/2024  
 SOP: 428.AZ  
 Batch Number: 701

**Sample Analysis**  
 Date: 01/10/2024  
 SOP: 428.AZ - ICP-MS  
 Sample Weight: 0.232 g  
 Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.017	0.172	10	0.4	ND	
Cadmium	0.017	0.172	10	0.4	ND	
Lead	0.017	0.431	10	1	ND	
Mercury	0.017	0.086	10	0.2	ND	

**Mycotoxin Analysis**

LC-MS/MS **Pass**

**Sample Prep**  
 Batch Date: 01/07/2024  
 SOP: 432.AZ  
 Batch Number: 679

**Sample Analysis**  
 Date: 01/09/2024  
 SOP: 424.AZ - LC-MS/MS  
 Sample Weight: 0.521 g  
 Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.84	9.60	1	20	ND	L1
Aflatoxin B1	3.84	8.49	1		ND	I1, L1
Aflatoxin B2	3.84	8.49	1		ND	I1
Aflatoxin G1	3.84	8.49	1		ND	
Aflatoxin G2	3.84	4.24	1		ND	I1
Ochratoxin A	9.60	8.49	1	20	ND	I1

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

**Sample Prep**

Batch Date: 01/07/2024  
 SOP: 432.AZ  
 Batch Number: 679

**Sample Analysis**

Date: 01/09/2024  
 SOP: 424.AZ - LC-MS/MS  
 Sample Weight: 0.521 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	0.080 / 0.240	1	0.5	ND		Hexythiazox	0.160 / 0.480	1	1	ND	M2
Acephate	0.064 / 0.192	1	0.4	ND		Imazalil	0.032 / 0.096	1	0.2	ND	
Acetamiprid	0.032 / 0.096	1	0.2	ND		Imidacloprid	0.064 / 0.192	1	0.4	ND	
Aldicarb	0.064 / 0.192	1	0.4	ND		Kresoxim-methyl	0.064 / 0.192	1	0.4	ND	
Azoxystrobin	0.032 / 0.096	1	0.2	ND		Malathion	0.032 / 0.096	1	0.2	ND	
Bifenazate	0.032 / 0.096	1	0.2	ND	M1	Metalaxyl	0.032 / 0.096	1	0.2	ND	
Bifenthrin	0.032 / 0.096	1	0.2	ND	L1 M2 V1	Methiocarb	0.032 / 0.096	1	0.2	ND	I1
Boscalid	0.064 / 0.192	1	0.4	ND		Methomyl	0.064 / 0.192	1	0.4	ND	
Carbaryl	0.032 / 0.096	1	0.2	ND		Myclobutanil	0.032 / 0.096	1	0.2	ND	
Carbofuran	0.032 / 0.096	1	0.2	ND		Naled	0.080 / 0.240	1	0.5	ND	
Chlorantraniliprole	0.032 / 0.096	1	0.2	ND		Oxamyl	0.160 / 0.480	1	1	ND	
Chlorfenapyr	0.160 / 0.480	1	1	ND	I1, M2	Paclobutrazol	0.064 / 0.192	1	0.4	ND	L1 M2 V1
Chlorpyrifos	0.032 / 0.096	1	0.2	ND	M2	Permethrins	0.032 / 0.096	1	0.2	ND	M2 V1
Clofentezine	0.032 / 0.096	1	0.2	ND	M2	Phosmet	0.032 / 0.096	1	0.2	ND	
Cyfluthrin	0.160 / 0.480	1	1	ND	I1, L1 V1	Piperonyl Butoxide	0.320 / 0.960	1	2	ND	
Cypermethrin	0.160 / 0.480	1	1	ND	M2 V1	Prallethrin	0.032 / 0.096	1	0.2	ND	
Daminozide	0.160 / 0.480	1	1	ND		Propiconazole	0.064 / 0.192	1	0.4	ND	L1 V1
Diazinon	0.032 / 0.096	1	0.2	ND		Propoxur	0.032 / 0.096	1	0.2	ND	
Dichlorvos	0.016 / 0.048	1	0.1	ND		Pyrethrins	0.134 / 0.402	1	1	ND	
Dimethoate	0.032 / 0.096	1	0.2	ND		Pyridaben	0.032 / 0.096	1	0.2	ND	
Ethoprophos	0.032 / 0.096	1	0.2	ND		Spinosad	0.032 / 0.096	1	0.2	ND	
Etofenprox	0.064 / 0.192	1	0.4	ND	I1	Spiromesifen	0.032 / 0.096	1	0.2	ND	
Etoxazole	0.032 / 0.096	1	0.2	ND		Spirotetramat	0.032 / 0.096	1	0.2	ND	
Fenoxycarb	0.032 / 0.096	1	0.2	ND	M2	Spiroxamine	0.064 / 0.192	1	0.4	ND	
Fenpyroximate	0.064 / 0.192	1	0.4	ND		Tebuconazole	0.064 / 0.192	1	0.4	ND	L1 M2 V1
Fipronil	0.064 / 0.192	1	0.4	ND	M1	Thiacloprid	0.032 / 0.096	1	0.2	ND	
Fonicamid	0.160 / 0.480	1	1	ND		Thiamethoxam	0.032 / 0.096	1	0.2	ND	
Fludioxonil	0.064 / 0.192	1	0.4	ND		Trifloxystrobin	0.032 / 0.096	1	0.2	ND	M2

**Ahmed Munshi**  
 Technical Laboratory Director

*Ahmed Munshi*

**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>



MDM Prime LLC  
 2015 N Forbes  
 Suite 110  
 Tucson, AZ 85745  
 License #: 00000039DCVR00320237  
 Sample ID: 2401SMAZ0024.0074  
 Batch #: OGZD-VE123S



**SMITHERS**

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

Certificate: 3367

## 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

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**Notes:**



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