



MDM Prime LLC
 2015 N Forbes
 Suite 110
 Tucson, AZ 85745
 License #: 00000039DCVR00320237
 Sample ID: 2404SMAZ0505.1510
 Batch #: A500240409



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 5425

Blackberries & Cream, Mellow Indica - 1000 mg, High Dose

Batch #: A500240409
 Strain: Northern Lights
 Parent Batch #: OGZD-VE324I
 Production Method: Alcohol
 Harvest Date:
 Received: 04/11/2024

Sample ID: 2404SMAZ0505.1510
 Amount Received: 59.6 g
 Sample Type: Soft Chew
 Sample Collected: 04/11/2024 13:33:00
 Manufacture Date:
 Published: 04/16/2024



COMPLIANCE FOR RETAIL

Regulated Analytes

Cannabinoid Profile (Q3) Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	1.549% Total THC
Pesticides, Fungicides, and Growth Regulators Not Tested	Mycotoxins Not Tested	Heavy Metals Not Tested	0.004% Total CBD
Additional Analytes (Not Regulated)			0.008% CBN
Terpenes Total (Q3) Not Tested	Moisture Analysis (Q3) Not Tested	Water Activity (Q3) Not Tested	0.038% CBG
Filth & Foreign (Q3) Not Tested	Homogeneity (Q3) Not Tested	Additional Microbial Contaminants (Q3) Not Tested	1.622% 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: 04/11/2024
 SOP: 418.AZ
 Batch Number: 1190

Sample Analysis

Date: 04/12/2024
 SOP: 417.AZ - HPLC
 Sample Weight: 1.089 g
 Volume: 10 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
CBC	0.012	0.036	4	0.010	0.105	0.626	6.258	M3
CBD	0.012	0.036	4	0.004	0.036	0.215	2.146	M3
CBDA	0.012	0.036	4	ND	ND	ND	ND	M3
CBDV	0.012	0.036	4	ND	ND	ND	ND	M3
CBG	0.012	0.036	4	0.038	0.381	2.271	22.708	M3
CBGA	0.012	0.036	4	ND	ND	ND	ND	M3
CBN	0.012	0.036	4	0.008	0.083	0.495	4.947	M3
d8-THC	0.012	0.036	4	ND	ND	ND	ND	M3
d9-THC	0.012	0.036	4	1.549	15.491	92.326	923.264	M3
THCA	0.012	0.036	4	ND	ND	ND	ND	M3
THCV	0.012	0.036	4	0.012	0.121	0.721	7.212	M3

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	1.549	15.491	92.326	923.264	
Total CBD	0.004	0.036	0.215	2.146	
Total Cannabinoids	1.622	16.218	96.659	966.593	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: 5.96 None; Servings/Package: 10

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Certificate: 5425

Microbial Analysis
Pass

Sample Prep

Batch Date: 04/15/2024
 SOP: 431.AZ
 Batch Number: 1197

Sample Analysis

Date: 04/16/2024
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.024 g

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

Sample Prep

Batch Date: 04/15/2024
 SOP: 406.AZ
 Batch Number: 1196

Sample Analysis

Date: 04/16/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.0297 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: 2403SMAZ0409.1274
 Batch #: OGZD-VE324I



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 5088

Indica Distillate

Batch #: OGZD-VE324I
 Strain: Northern Lights
 Parent Batch #: OGZD-VE324I
 Production Method: Alcohol
 Harvest Date:
 Received: 03/22/2024

Sample ID: 2403SMAZ0409.1274
 Amount Received: 6.2 g
 Sample Type: Distillate
 Sample Collected: 03/22/2024 10:23:00
 Manufacture Date:
 Published: 03/28/2024



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

90.457% Total THC
0.211% Total CBD
0.495% CBN
2.247% CBG
95.079% Total Cannabinoids (Q3)

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Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 03/25/2024
 SOP: 418.AZ
 Batch Number: 1104

Sample Analysis

Date: 03/26/2024
 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	0.638	6.378	
CBD	0.307	0.930	1	0.211	2.108	
CBDA	0.307	0.930	1	ND	ND	
CBDV	0.307	0.930	1	ND	ND	
CBG	0.307	0.930	1	2.247	22.469	
CBGA	0.307	0.930	1	ND	ND	
CBN	0.307	0.930	1	0.495	4.948	
d8-THC	0.307	0.930	1	ND	ND	
d9-THC	0.307	0.930	1	90.457	904.572	
THCA	0.307	0.930	1	ND	ND	
THCV	0.307	0.930	1	1.031	10.314	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	90.457	904.572	
Total CBD	0.211	2.108	
Total Cannabinoids	95.079	950.789	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: 5088

Microbial Analysis
 Pass

Sample Prep

Batch Date: 03/26/2024
 SOP: 431.AZ
 Batch Number: 1111

Sample Analysis

Date: 03/27/2024
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.031 g

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

Sample Prep

Batch Date: 03/26/2024
 SOP: 406.AZ
 Batch Number: 1110

Sample Analysis

Date: 03/27/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.002 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: 03/26/2024
 SOP: 406.AZ
 Batch Number: 1110

Sample Analysis

Date: 03/27/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.002 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: 03/25/2024
 SOP: 405.AZ
 Batch Number: 1096

Sample Analysis

Date: 03/26/2024
 SOP: 405.AZ - HS-GC-MS
 Sample Weight: 0.054 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	61 / 185	1	1000	ND		Heptane	309 / 926	1	5000	ND	
Acetonitrile	26 / 76	1	410	ND		Hexanes	44 / 134	1	290	ND	
Benzene	0.13 / 0.37	1	2	ND		Isopropyl acetate	309 / 926	1	5000	ND	
Butanes	154 / 463	1	5000	ND		Methanol	185 / 556	1	3000	ND	
Chloroform	4 / 11	1	60	ND		Pentanes	309 / 926	1	5000	ND	
Dichloromethane	37 / 111	1	600	ND		2-Propanol (IPA)	309 / 926	1	5000	ND	
Ethanol	309 / 926	1	5000	ND		Toluene	56 / 165	1	890	ND	
Ethyl acetate	309 / 926	1	5000	ND		Xylenes	269 / 804	1	2170	ND	
Ethyl ether	309 / 926	1	5000	ND							

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Heavy Metals

ICP-MS **Pass**

Sample Prep
 Batch Date: 03/26/2024
 SOP: 428.AZ
 Batch Number: 1109

Sample Analysis
 Date: 03/26/2024
 SOP: 428.AZ - ICP-MS
 Sample Weight: 0.200 g
 Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.020	0.200	10	0.4	ND	
Cadmium	0.020	0.200	10	0.4	ND	
Lead	0.020	0.500	10	1	ND	
Mercury	0.020	0.100	10	0.2	<LOQ	

Mycotoxin Analysis

LC-MS/MS **Pass**

Sample Prep
 Batch Date: 03/25/2024
 SOP: 432.AZ
 Batch Number: 1098

Sample Analysis
 Date: 03/26/2024
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.518 g
 Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.86	0.71	1	20	ND	L1 M2
Aflatoxin B1	3.86	9.65	1		ND	M2
Aflatoxin B2	3.86	9.65	1		ND	I1, M2
Aflatoxin G1	3.86	9.65	1		ND	L1 M2
Aflatoxin G2	3.86	4.83	1		ND	
Ochratoxin A	9.65	9.65	1	20	ND	I1, L1

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

Sample Prep

Batch Date: 03/25/2024
 SOP: 432.AZ
 Batch Number: 1098

Sample Analysis

Date: 03/26/2024
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.518 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 / 0.241	1	0.5	ND	M2	Hexythiazox	0.161 / 0.483	1	1	ND	M2
Acephate	0.065 / 0.193	1	0.4	ND		Imazalil	0.032 / 0.097	1	0.2	ND	
Acetamiprid	0.032 / 0.097	1	0.2	ND		Imidacloprid	0.065 / 0.193	1	0.4	ND	
Aldicarb	0.065 / 0.193	1	0.4	ND		Kresoxim-methyl	0.065 / 0.193	1	0.4	ND	M2
Azoxystrobin	0.032 / 0.097	1	0.2	ND		Malathion	0.032 / 0.097	1	0.2	ND	V1
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 / 0.193	1	0.4	ND	M2	Methomyl	0.065 / 0.193	1	0.4	ND	
Carbaryl	0.032 / 0.097	1	0.2	ND		Myclobutanil	0.032 / 0.097	1	0.2	ND	M2
Carbofuran	0.032 / 0.097	1	0.2	ND		Naled	0.080 / 0.241	1	0.5	ND	M2
Chlorantraniliprole	0.032 / 0.097	1	0.2	ND	V1	Oxamyl	0.161 / 0.483	1	1	ND	
Chlorfenapyr	0.161 / 0.483	1	1	ND	I1, M2 R1	Pacllobutrazol	0.065 / 0.193	1	0.4	ND	M2
Chlorpyrifos	0.032 / 0.097	1	0.2	ND		Permethrins	0.032 / 0.097	1	0.2	ND	M2 V1
Clofentezine	0.032 / 0.097	1	0.2	ND	M2	Phosmet	0.032 / 0.097	1	0.2	ND	
Cyfluthrin	0.161 / 0.483	1	1	ND	M2 V1	Piperonyl Butoxide	0.321 / 0.965	1	2	ND	M2
Cypermethrin	0.161 / 0.483	1	1	ND	M2	Prallethrin	0.032 / 0.097	1	0.2	ND	
Daminozide	0.161 / 0.483	1	1	ND		Propiconazole	0.065 / 0.193	1	0.4	ND	M2
Diazinon	0.032 / 0.097	1	0.2	ND	M2	Propoxur	0.032 / 0.097	1	0.2	ND	
Dichlorvos	0.016 / 0.048	1	0.1	ND	I1	Pyrethrins	0.135 / 0.404	1	1	ND	I1
Dimethoate	0.032 / 0.097	1	0.2	ND		Pyridaben	0.032 / 0.097	1	0.2	ND	M2
Ethoprophos	0.032 / 0.097	1	0.2	ND		Spinosad	0.032 / 0.097	1	0.2	ND	M2
Etofenprox	0.065 / 0.193	1	0.4	ND	M2	Spiromesifen	0.032 / 0.097	1	0.2	ND	M2
Etoxazole	0.032 / 0.097	1	0.2	ND	M2	Spirotetramat	0.032 / 0.097	1	0.2	ND	
Fenoxycarb	0.032 / 0.097	1	0.2	ND	M2 V1	Spiroxamine	0.065 / 0.193	1	0.4	ND	
Fenpyroximate	0.065 / 0.193	1	0.4	ND	M2 V1	Tebuconazole	0.065 / 0.193	1	0.4	ND	M2
Fipronil	0.065 / 0.193	1	0.4	ND		Thiacloprid	0.032 / 0.097	1	0.2	ND	
Fonicamid	0.161 / 0.483	1	1	ND		Thiamethoxam	0.032 / 0.097	1	0.2	ND	
Fludioxonil	0.065 / 0.193	1	0.4	ND	M2	Trifloxystrobin	0.032 / 0.097	1	0.2	ND	M2

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 Technical Laboratory Director

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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: 2403SMAZ0409.1274
 Batch #: OGZD-VE324I



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 5088

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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