



MDM Prime LLC  
2015 N Forbes  
Suite 110  
Tucson, AZ 85745  
License #: 00000039DCVR00320237  
Sample ID: 2505SMAZ0714.2036  
Batch #: A500250506



SMITHERS

## CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Certificate: 12885

### Blackberries & Cream, Mellow Indica - 1000 mg

Batch #: A500250506

Strain: Northern Lights

Parent Batch #: OGZD-VE227I

Production Method: Alcohol

Harvest Date: 11/28/2024

Received: 05/12/2025

Sample ID: 2505SMAZ0714.2036

Amount Received: 60.1 g

Sample Type: Soft Chew

Sample Collected: 05/12/2025 12:32:00

Manufacture Date: 05/06/2025

Published: 05/14/2025



## 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**

103.913 mg/serving  
1039.129 mg/container  
Total THC

0.168 mg/serving  
1.683 mg/container  
Total CBD

### 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**

0.553 mg/serving  
5.529 mg/container  
CBN

3.744 mg/serving  
37.442 mg/container  
CBG

109.178 mg/serving  
1091.777 mg/container  
Total Cannabinoids (Q3)

Ahmed Munshi

Technical Laboratory Director

Smithers CTS Arizona LLC

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



Accreditation #: 103104

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**Cannabinoid Profile**

HPLC

Tested

**Sample Prep**

Batch Date: 05/12/2025  
SOP: 418.AZ  
Batch Number: 3251  
Test ID: 64974

**Sample Analysis**

Date: 05/13/2025  
SOP: 417.AZ - HPLC  
Sample Weight: 1.000 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	0.020	2	0.010	0.097	0.583	5.830	
CBD	0.006	0.020	2	0.003	0.028	0.168	1.683	
CBDA	0.006	0.020	2	ND	ND	ND	ND	
CBDV	0.006	0.020	2	ND	ND	ND	ND	
CBG	0.006	0.020	2	0.062	0.623	3.744	37.442	
CBGA	0.006	0.020	2	ND	ND	ND	ND	
CBN	0.006	0.020	2	0.009	0.092	0.553	5.529	
d8-THC	0.006	0.020	2	ND	ND	ND	ND	
d9-THC	0.006	0.020	2	1.729	17.290	103.913	1039.129	
THCA	0.006	0.020	2	ND	ND	ND	ND	
THCV	0.006	0.020	2	0.004	0.037	0.222	2.224	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	1.729	17.290	103.913	1039.129	
Total CBD	0.003	0.028	0.168	1.683	
Total Cannabinoids	1.817	18.166	109.178	1091.777	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: 6.01 None; Servings/Package: 10

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License #: 00000020LCVT89602592

Certificate: 12885

Microbial Analysis

Pass

Sample Prep

Batch Date: 05/13/2025  
SOP: 412.AZ  
Batch Number: 3256  
Test ID: 64991

Sample Analysis

Date: 05/14/2025  
SOP: 412.AZ - 3M Petrifilm  
Sample Weight: 1.002 g

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

Sample Prep

Batch Date: 05/13/2025  
SOP: 406.AZ  
Batch Number: 3255  
Test ID: 64994

Sample Analysis

Date: 05/14/2025  
SOP: 406.AZ - qPCR (MG)  
Sample Weight: 1.021 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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License #: 00000039DCVR00320237  
Sample ID: 2504SMAZ0609.1780  
Batch #: OGZD-VE2271



SMITHERS

## CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Certificate: 12557

### Indica Distillate

Batch #: OGZD-VE2271  
Strain: Northern Lights  
Parent Batch #: JARSDIS - 010225FG  
Production Method: Alcohol  
Harvest Date: 11/28/2024  
Received: 04/24/2025

Sample ID: 2504SMAZ0609.1780  
Amount Received: 7 g  
Sample Type: Distillate  
Sample Collected: 04/24/2025 12:21:00  
Manufacture Date: 01/02/2025  
Published: 04/29/2025



## 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>

**91.464%**  
Total THC

**<LOQ**  
Total CBD

**0.497%**  
CBN

**2.988%**  
CBG

**95.644%**  
Total Cannabinoids (Q3)

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Certificate: 12557

**Cannabinoid Profile**

HPLC

Tested

**Sample Prep**

Batch Date: 04/24/2025  
SOP: 418.AZ  
Batch Number: 3142  
Test ID: 62853

**Sample Analysis**

Date: 04/25/2025  
SOP: 417.AZ - HPLC  
Sample Weight: 0.044 g  
Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.585	1.776	2	0.498	4.978	
CBD	0.585	1.776	2	<LOQ	<LOQ	
CBDA	0.585	1.776	2	ND	ND	
CBDV	0.585	1.776	2	ND	ND	
CBG	0.585	1.776	2	2.988	29.878	
CBGA	0.585	1.776	2	ND	ND	
CBN	0.585	1.776	2	0.497	4.971	
d8-THC	0.585	1.776	2	ND	ND	
d9-THC	0.585	1.776	2	91.464	914.642	
THCA	0.585	1.776	2	ND	ND	
THCV	0.585	1.776	2	0.197	1.973	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	91.464	914.642	
Total CBD	<LOQ	<LOQ	
Total Cannabinoids	95.644	956.442	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: 04/28/2025  
SOP: 412.AZ  
Batch Number: 3152  
Test ID: 62888

### Sample Analysis

Date: 04/29/2025  
SOP: 412.AZ - 3M Petrifilm  
Sample Weight: 1.020 g

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

### Sample Prep

Batch Date: 04/28/2025  
SOP: 406.AZ  
Batch Number: 3151  
Test ID: 62890

### Sample Analysis

Date: 04/29/2025  
SOP: 406.AZ - qPCR (MG)  
Sample Weight: 1.018 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: 04/28/2025  
SOP: 406.AZ  
Batch Number: 3151  
Test ID: 62893

### Sample Analysis

Date: 04/29/2025  
SOP: 406.AZ - qPCR (MG)  
Sample Weight: 1.018 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: 04/24/2025  
SOP: 405.AZ  
Batch Number: 3137  
Test ID: 62854

**Sample Analysis**

Date: 04/25/2025  
SOP: 405.AZ - HS-GC-MS  
Sample Weight: 0.050 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	66 / 200	1	1000	ND		Heptane	334 / 1000	1	5000	ND	
Acetonitrile	28 / 82	1	410	ND		Hexanes	48 / 145	1	290	ND	
Benzene	0.14 / 0.40	1	2	ND		Isopropyl acetate	334 / 1000	1	5000	ND	
Butanes	166 / 500	1	5000	ND		Methanol	200 / 600	1	3000	ND	
Chloroform	4 / 12	1	60	ND		Pentanes	334 / 1000	1	5000	ND	
Dichloromethane	40 / 120	1	600	ND		2-Propanol (IPA)	334 / 1000	1	5000	ND	
Ethanol	334 / 1000	1	5000	ND		Toluene	60 / 178	1	890	ND	
Ethyl acetate	334 / 1000	1	5000	ND		Xylenes	290 / 868	1	2170	ND	
Ethyl ether	334 / 1000	1	5000	ND							

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**Heavy Metals**

ICP-MS

Pass

**Sample Prep**

Batch Date: 04/25/2025  
SOP: 428.AZ  
Batch Number: 3145  
Test ID: 62855

**Sample Analysis**

Date: 04/28/2025  
SOP: 428.AZ - ICP-MS  
Sample Weight: 0.248 g  
Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.048	0.161	10	0.4	ND	
Cadmium	0.048	0.161	10	0.4	ND	
Lead	0.048	0.403	10	1	ND	
Mercury	0.048	0.081	10	0.2	ND	

**Mycotoxin Analysis**

LC-MS/MS

Pass

**Sample Prep**

Batch Date: 04/24/2025  
SOP: 432.AZ  
Batch Number: 3136  
Test ID: 62857

**Sample Analysis**

Date: 04/28/2025  
SOP: 424.AZ - LC-MS/MS  
Sample Weight: 0.545 g  
Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.67	9.17	1	20	ND	R1
Aflatoxin B1	3.67	9.17	1		ND	
Aflatoxin B2	3.67	9.17	1		ND	R1
Aflatoxin G1	3.67	9.17	1		ND	
Aflatoxin G2	3.67	4.59	1		ND	
Ochratoxin A	9.17	9.17	1	20	ND	R1 V1

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

**Sample Prep**

Batch Date: 04/24/2025  
SOP: 432.AZ  
Batch Number: 3136  
Test ID: 62856

**Sample Analysis**

Date: 04/28/2025  
SOP: 424.AZ - LC-MS/MS  
Sample Weight: 0.545 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	0.076 / 0.229	1	0.5	ND		Hexythiazox	0.153 / 0.459	1	1	ND	
Acephate	0.061 / 0.183	1	0.4	ND		Imazalil	0.030 / 0.092	1	0.2	ND	
Acetamiprid	0.030 / 0.092	1	0.2	ND		Imidacloprid	0.061 / 0.183	1	0.4	ND	
Aldicarb	0.061 / 0.183	1	0.4	ND		Kresoxim-methyl	0.061 / 0.183	1	0.4	ND	
Azoxystrobin	0.030 / 0.092	1	0.2	ND		Malathion	0.030 / 0.092	1	0.2	ND	
Bifenazate	0.030 / 0.092	1	0.2	ND		Metaxyl	0.030 / 0.092	1	0.2	ND	
Bifenthrin	0.030 / 0.092	1	0.2	ND		Methiocarb	0.030 / 0.092	1	0.2	ND	
Boscalid	0.061 / 0.183	1	0.4	ND		Methomyl	0.061 / 0.183	1	0.4	ND	
Carbaryl	0.030 / 0.092	1	0.2	ND		Myclobutanil	0.030 / 0.092	1	0.2	ND	
Carbofuran	0.030 / 0.092	1	0.2	ND		Naled	0.076 / 0.229	1	0.5	ND	
Chlorantraniliprole	0.030 / 0.092	1	0.2	ND		Oxamyl	0.153 / 0.459	1	1	ND	
Chlorfenapyr	0.153 / 0.459	1	1	ND		Paclobutrazol	0.061 / 0.183	1	0.4	ND	
Chlorpyrifos	0.030 / 0.092	1	0.2	ND		Permethrins	0.030 / 0.092	1	0.2	ND	
Clofentezine	0.030 / 0.092	1	0.2	ND		Phosmet	0.030 / 0.092	1	0.2	ND	
Cyfluthrin	0.153 / 0.459	1	1	ND		Piperonyl Butoxide	0.306 / 0.917	1	2	ND	
Cypermethrin	0.153 / 0.459	1	1	ND		Prallethrin	0.030 / 0.092	1	0.2	ND	
Daminozide	0.153 / 0.459	1	1	ND		Propiconazole	0.061 / 0.183	1	0.4	ND	
Diazinon	0.030 / 0.092	1	0.2	ND		Propoxur	0.030 / 0.092	1	0.2	ND	
Dichlorvos	0.016 / 0.046	1	0.1	ND		Pyrethrins	0.128 / 0.384	1	1	ND	
Dimethoate	0.030 / 0.092	1	0.2	ND		Pyridaben	0.030 / 0.092	1	0.2	ND	
Ethoprophos	0.030 / 0.092	1	0.2	ND		Spinosad	0.030 / 0.092	1	0.2	ND	
Etofenprox	0.061 / 0.183	1	0.4	ND		Spiromesifen	0.030 / 0.092	1	0.2	ND	
Etoxazole	0.030 / 0.092	1	0.2	ND		Spirotetramat	0.030 / 0.092	1	0.2	ND	
Fenoxycarb	0.030 / 0.092	1	0.2	ND		Spiroxamine	0.061 / 0.183	1	0.4	ND	
Fenpyroximate	0.061 / 0.183	1	0.4	ND		Tebuconazole	0.061 / 0.183	1	0.4	ND	
Fipronil	0.061 / 0.183	1	0.4	ND		Thiacloprid	0.030 / 0.092	1	0.2	ND	
Fonicamid	0.153 / 0.459	1	1	ND		Thiamethoxam	0.030 / 0.092	1	0.2	ND	
Fludioxonil	0.061 / 0.183	1	0.4	ND		Trifloxystrobin	0.030 / 0.092	1	0.2	ND	

Ahmed Munshi

Technical Laboratory Director

*Ahmed Munshi*

Smithers CTS Arizona LLC

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



Accreditation #: 103104

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: 2504SMAZ0609.1780  
Batch #: OGZD-VE2271



SMITHERS

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

Certificate: 12557

## 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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