



MDM Prime LLC  
2015 N Forbes  
Suite 110  
Tucson, AZ 85745  
License #: 00000039DCVR00320237  
Sample ID: 2503SMAZ0291.0907  
Batch #: A001250303



SMITHERS

## CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Certificate: 11268

### The Creams, Mellow Indica - 100 mg

Batch #: A001250303  
Strain: Northern Lights  
Parent Batch #: OGZD-VE325I  
Production Method: Alcohol  
Harvest Date: 11/21/2024  
Received: 03/05/2025

Sample ID: 2503SMAZ0291.0907  
Amount Received: 59.5 g  
Sample Type: Soft Chew  
Sample Collected: 03/05/2025 11:14:00  
Manufacture Date: 03/03/2025  
Published: 03/07/2025



## 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**

10.139 mg/serving  
101.388 mg/container  
Total THC

**ND**  
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**

0.095 mg/serving  
0.952 mg/container  
CBN

0.292 mg/serving  
2.916 mg/container  
CBG

10.526 mg/serving  
105.255 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: 03/06/2025  
SOP: 418.AZ  
Batch Number: 2811

**Sample Analysis**

Date: 03/07/2025  
SOP: 417.AZ - HPLC  
Sample Weight: 1.091 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	0.009	1	<LOQ	<LOQ	<LOQ	<LOQ	M2
CBD	0.003	0.009	1	ND	ND	ND	ND	M2
CBDA	0.003	0.009	1	ND	ND	ND	ND	M2
CBDV	0.003	0.009	1	ND	ND	ND	ND	M2
CBG	0.003	0.009	1	0.005	0.049	0.292	2.916	M2
CBGA	0.003	0.009	1	ND	ND	ND	ND	M2
CBN	0.003	0.009	1	0.002	0.016	0.095	0.952	M2
d8-THC	0.003	0.009	1	ND	ND	ND	ND	M2
d9-THC	0.003	0.009	1	0.170	1.704	10.139	101.388	M2
THCA	0.003	0.009	1	ND	ND	ND	ND	M2
THCV	0.003	0.009	1	<LOQ	<LOQ	<LOQ	<LOQ	M2

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.170	1.704	10.139	101.388	
Total CBD	ND	ND	ND	ND	
Total Cannabinoids	0.177	1.769	10.526	105.255	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: 5.95 None; Servings/Package: 10

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## Microbial Analysis

Pass

### Sample Prep

Batch Date: 03/06/2025  
SOP: 412.AZ  
Batch Number: 2814

### Sample Analysis

Date: 03/07/2025  
SOP: 412.AZ - 3M Petrifilm  
Sample Weight: 1.046 g

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

### Sample Prep

Batch Date: 03/06/2025  
SOP: 406.AZ  
Batch Number: 2813

### Sample Analysis

Date: 03/07/2025  
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	

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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: 2502SMAZ0213.0703  
Batch #: OGZD-VE325I



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## CERTIFICATE OF ANALYSIS

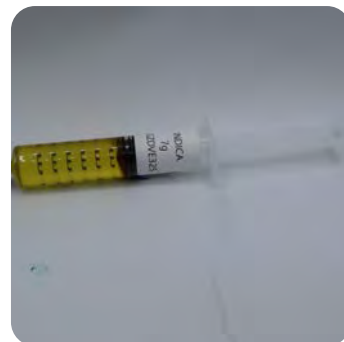
License #: 00000020LCVT89602592

Certificate: 11030

### Indica Distillate

Batch #: OGZD-VE325I  
Strain: Northern Lights  
Parent Batch #: OGZD-VE325I  
Production Method: Alcohol  
Harvest Date: 11/21/2024  
Received: 02/18/2025

Sample ID: 2502SMAZ0213.0703  
Amount Received: 6.6 g  
Sample Type: Distillate  
Sample Collected: 02/18/2025 10:57:00  
Manufacture Date: 12/13/2024  
Published: 02/21/2025



## 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>

**94.199%**  
Total THC

**0.143%**  
Total CBD

**0.727%**  
CBN

**2.662%**  
CBG

**98.333%**  
Total Cannabinoids (Q3)

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Batch #: OGZD-VE325I



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Certificate: 11030

**Cannabinoid Profile**

HPLC

Tested

**Sample Prep**

Batch Date: 02/19/2025  
SOP: 418.AZ  
Batch Number: 2721

**Sample Analysis**

Date: 02/19/2025  
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	0.398	3.983	
CBD	0.307	0.930	1	0.143	1.429	
CBDA	0.307	0.930	1	ND	ND	
CBDV	0.307	0.930	1	ND	ND	
CBG	0.307	0.930	1	2.662	26.618	
CBGA	0.307	0.930	1	ND	ND	
CBN	0.307	0.930	1	0.727	7.270	
d8-THC	0.307	0.930	1	ND	ND	
d9-THC	0.307	0.930	1	94.199	941.986	
THCA	0.307	0.930	1	ND	ND	
THCV	0.307	0.930	1	0.205	2.049	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	94.199	941.986	
Total CBD	0.143	1.429	
Total Cannabinoids	98.333	983.334	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: 02/19/2025  
SOP: 412.AZ  
Batch Number: 2725

### Sample Analysis

Date: 02/20/2025  
SOP: 412.AZ - 3M Petrifilm  
Sample Weight: 1.006 g

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

### Sample Prep

Batch Date: 02/19/2025  
SOP: 406.AZ  
Batch Number: 2723

### Sample Analysis

Date: 02/20/2025  
SOP: 406.AZ - qPCR (MG)  
Sample Weight: 1.030 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: 02/19/2025  
SOP: 406.AZ  
Batch Number: 2723

### Sample Analysis

Date: 02/20/2025  
SOP: 406.AZ - qPCR (MG)  
Sample Weight: 1.030 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: 02/19/2025  
SOP: 405.AZ  
Batch Number: 2719

**Sample Analysis**

Date: 02/20/2025  
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		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: 02/21/2025  
SOP: 428.AZ  
Batch Number: 2735

### Sample Analysis

Date: 02/21/2025  
SOP: 428.AZ - ICP-MS  
Sample Weight: 0.219 g  
Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.055	0.183	10	0.4	ND	
Cadmium	0.055	0.183	10	0.4	ND	
Lead	0.055	0.457	10	1	ND	
Mercury	0.055	0.091	10	0.2	ND	

### Mycotoxin Analysis

LC-MS/MS

Pass

### Sample Prep

Batch Date: 02/18/2025  
SOP: 432.AZ  
Batch Number: 2718

### Sample Analysis

Date: 02/20/2025  
SOP: 424.AZ - LC-MS/MS  
Sample Weight: 0.524 g  
Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.82	9.54	1	20	ND	R1
Aflatoxin B1	3.82	9.54	1		ND	I1
Aflatoxin B2	3.82	9.54	1		ND	I1
Aflatoxin G1	3.82	9.54	1		ND	R1
Aflatoxin G2	3.82	4.77	1		ND	I1
Ochratoxin A	9.54	9.54	1	20	ND	I1

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Sample ID: 2502SMAZ0213.0703  
Batch #: OGZD-VE3251



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Certificate: 11030

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

**Sample Prep**

Batch Date: 02/18/2025  
SOP: 432.AZ  
Batch Number: 2718

**Sample Analysis**

Date: 02/20/2025  
SOP: 424.AZ - LC-MS/MS  
Sample Weight: 0.524 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	0.079 / 0.239	1	0.5	ND		Hexythiazox	0.159 / 0.477	1	1	ND	
Acephate	0.064 / 0.191	1	0.4	ND		Imazalil	0.031 / 0.095	1	0.2	ND	
Acetamiprid	0.031 / 0.095	1	0.2	ND		Imidacloprid	0.064 / 0.191	1	0.4	ND	
Aldicarb	0.064 / 0.191	1	0.4	ND		Kresoxim-methyl	0.064 / 0.191	1	0.4	ND	
Azoxystrobin	0.031 / 0.095	1	0.2	ND		Malathion	0.031 / 0.095	1	0.2	ND	I1
Bifenazate	0.031 / 0.095	1	0.2	ND	L1 V1	Metalaxyl	0.031 / 0.095	1	0.2	ND	
Bifenthrin	0.031 / 0.095	1	0.2	ND	V1	Methiocarb	0.031 / 0.095	1	0.2	ND	
Boscalid	0.064 / 0.191	1	0.4	ND		Methomyl	0.064 / 0.191	1	0.4	ND	
Carbaryl	0.031 / 0.095	1	0.2	ND		Myclobutanil	0.031 / 0.095	1	0.2	ND	
Carbofuran	0.031 / 0.095	1	0.2	ND		Naled	0.079 / 0.239	1	0.5	ND	
Chlorantraniliprole	0.031 / 0.095	1	0.2	ND		Oxamyl	0.159 / 0.477	1	1	ND	
Chlorfenapyr	0.159 / 0.477	1	1	ND		Paclobutrazol	0.064 / 0.191	1	0.4	ND	
Chlorpyrifos	0.031 / 0.095	1	0.2	ND		Permethrins	0.031 / 0.095	1	0.2	ND	
Clofentezine	0.031 / 0.095	1	0.2	ND		Phosmet	0.031 / 0.095	1	0.2	ND	
Cyfluthrin	0.159 / 0.477	1	1	ND		Piperonyl Butoxide	0.318 / 0.954	1	2	ND	
Cypermethrin	0.159 / 0.477	1	1	ND	I1	Prallethrin	0.031 / 0.095	1	0.2	ND	
Daminozide	0.159 / 0.477	1	1	ND		Propiconazole	0.064 / 0.191	1	0.4	ND	
Diazinon	0.031 / 0.095	1	0.2	ND		Propoxur	0.031 / 0.095	1	0.2	ND	
Dichlorvos	0.016 / 0.048	1	0.1	ND		Pyrethrins	0.133 / 0.400	1	1	ND	
Dimethoate	0.031 / 0.095	1	0.2	ND		Pyridaben	0.031 / 0.095	1	0.2	ND	
Ethoprophos	0.031 / 0.095	1	0.2	ND		Spinosad	0.031 / 0.095	1	0.2	ND	
Etofenprox	0.064 / 0.191	1	0.4	ND		Spiromesifen	0.031 / 0.095	1	0.2	ND	R1
Etoxazole	0.031 / 0.095	1	0.2	ND	R1	Spirotetramat	0.031 / 0.095	1	0.2	ND	
Fenoxycarb	0.031 / 0.095	1	0.2	ND		Spiroxamine	0.064 / 0.191	1	0.4	ND	
Fenpyroximate	0.064 / 0.191	1	0.4	ND		Tebuconazole	0.064 / 0.191	1	0.4	ND	V1
Fipronil	0.064 / 0.191	1	0.4	ND		Thiacloprid	0.031 / 0.095	1	0.2	ND	
Fonicamid	0.159 / 0.477	1	1	ND		Thiamethoxam	0.031 / 0.095	1	0.2	ND	
Fludioxonil	0.064 / 0.191	1	0.4	ND		Trifloxystrobin	0.031 / 0.095	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: 2502SMAZ0213.0703  
Batch #: OGZD-VE325I



SMITHERS

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

Certificate: 11030

## 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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