



MDM Prime LLC
2015 N Forbes
Suite 110
Tucson, AZ 85745
License #: 00000039DCVR00320237
Sample ID: 2503SMAZ0373.1099
Batch #: A300250317



SMITHERS

CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Certificate: 11608

Sugar Free, Tropical Indica - 100 mg

Batch #: A300250317
Strain: Northern Lights
Parent Batch #: OGZD-VE325I
Production Method: Alcohol
Harvest Date: 11/21/2024
Received: 03/20/2025

Sample ID: 2503SMAZ0373.1099
Amount Received: 53.5 g
Sample Type: Soft Chew
Sample Collected: 03/20/2025 13:50:00
Manufacture Date: 03/17/2025
Published: 03/25/2025



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

10.475 mg/serving
104.753 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

0.128 mg/serving
1.284 mg/container
CBN

0.326 mg/serving
3.263 mg/container
CBG

10.930 mg/serving
109.300 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



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Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 03/21/2025
SOP: 418.AZ
Batch Number: 2894

Sample Analysis

Date: 03/21/2025
SOP: 417.AZ - HPLC
Sample Weight: 1.058 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	
CBD	0.003	0.009	1	ND	ND	ND	ND	
CBDA	0.003	0.009	1	ND	ND	ND	ND	
CBDV	0.003	0.009	1	ND	ND	ND	ND	
CBG	0.003	0.009	1	0.006	0.061	0.326	3.263	
CBGA	0.003	0.009	1	ND	ND	ND	ND	
CBN	0.003	0.009	1	0.002	0.024	0.128	1.284	
d8-THC	0.003	0.009	1	ND	ND	ND	ND	
d9-THC	0.003	0.009	1	0.196	1.958	10.475	104.753	
THCA	0.003	0.009	1	ND	ND	ND	ND	
THCV	0.003	0.009	1	<LOQ	<LOQ	<LOQ	<LOQ	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.196	1.958	10.475	104.753	
Total CBD	ND	ND	ND	ND	
Total Cannabinoids	0.204	2.043	10.930	109.300	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: 5.35 None; Servings/Package: 10

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Batch #: A300250317



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License #: 00000020LCVT89602592

Certificate: 11608

Microbial Analysis

Pass

Sample Prep

Batch Date: 03/24/2025
SOP: 412.AZ
Batch Number: 2904

Sample Analysis

Date: 03/25/2025
SOP: 412.AZ - 3M Petrifilm
Sample Weight: 1.097 g

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

Sample Prep

Batch Date: 03/24/2025
SOP: 406.AZ
Batch Number: 2903

Sample Analysis

Date: 03/25/2025
SOP: 406.AZ - qPCR (MG)
Sample Weight: 1.009 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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Batch #: A300250317



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Notes:



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License #: 00000039DCVR00320237
Sample ID: 2502SMAZ0213.0703
Batch #: OGZD-VE325I



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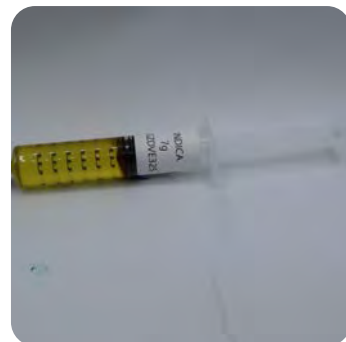
License #: 00000020LCVT89602592

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) Tested	Microbial Contaminants Pass	Residual Solvents Pass
Pesticides, Fungicides, and Growth Regulators Pass	Mycotoxins Pass	Heavy Metals Pass

94.199%
Total THC

0.143%
Total CBD

0.727%
CBN

2.662%
CBG

98.333%
Total Cannabinoids (Q3)

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

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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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**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

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Notes:



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