





CERTIFICATE OF ANALYSIS

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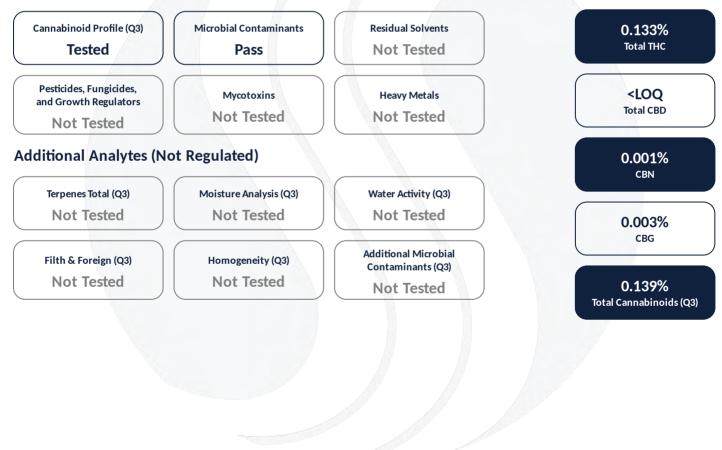
The Creams, Mellow Indica - 75 mg, Minis

Batch #: A408240301 Strain: Northern Lights Parent Batch #: OGZD-VE1241 Production Method: CO2 Harvest Date: Received: 03/13/2024 Sample ID: 2403SMAZ0356.1127 Amount Received: 54.2 g Sample Type: Soft Chew Sample Collected: 03/13/2024 11:11:00 Manufacture Date: Published: 03/18/2024



COMPLIANCE FOR RETAIL

Regulated Analytes



Ahmed Munshi

Technical Laboratory Director

AMunshi

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







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Cannabinoi	d Profile	Sample Prep	Sample Analysis
camabilio		Batch Date: 03/14/2024 SOP: 418.AZ	Date: 03/15/2024 SOP: 417.AZ - HPLC
HPLC	Tested	Batch Number: 1057	Sample Weight: 1.093 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	0.001	0.012	0.026	0.651	
CBD	0.003	0.009	1	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
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	0.003	0.027	0.059	1.465	
CBGA	0.003	0.009	1	ND	ND	ND	ND	
CBN	0.003	0.009	1	0.001	0.009	0.020	0.488	
d8-THC	0.003	0.009	1	ND	ND	ND	ND	
d9-THC	0.003	0.009	1	0.133	1.327	2.880	71.990	
THCA	0.003	0.009	1	ND	ND	ND	ND	
THCV	0.003	0.009	1	0.001	0.013	0.028	0.705	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.133	1.327	2.880	71.990	
Total CBD	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Total Cannabinoids	0.139	1.388	3.012	75.299	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: 2.17 None; Servings/Package: 25

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Microbial Analysis Pass **Sample Analysis Sample Prep** Batch Date: 03/14/2024 Date: 03/15/2024 SOP: 431.AZ SOP: 431.AZ - TEMPO (MPN) Batch Number: 1055 Sample Weight: 1.074 g Analyte Allowable Criteria Actual Result Pass/Fail Qualifier E. coli < 10 CFU/g < 10 CFU/g Pass **Sample Prep Sample Analysis** Batch Date: 03/14/2024 Date: 03/15/2024 SOP: 406.AZ **SOP:** 406.AZ - qPCR (MG) Batch Number: 1052 Sample Weight: 1.029 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.
- 1 The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.
- 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 requirem
- 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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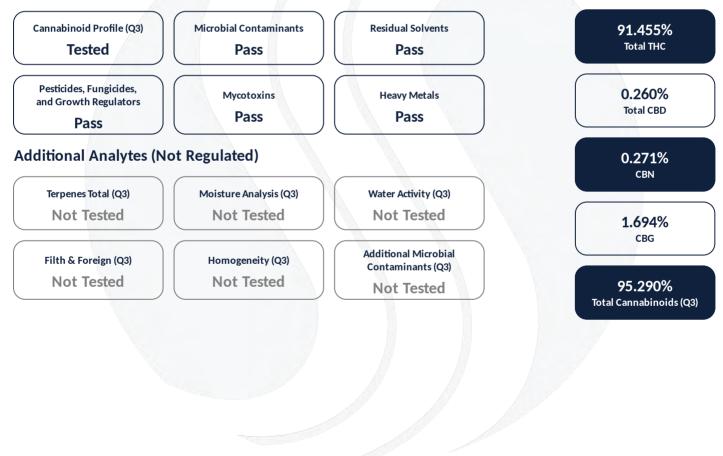
Indica Distillate

Batch #: OGZD-VE124I Strain: Northern Lights Parent Batch #: OGZD-VE124I Production Method: CO2 Harvest Date: Received: 01/08/2024 Sample ID: 2401SMAZ0024.0073 Amount Received: 6.8 g Sample Type: Distillate Sample Collected: 01/08/2024 00:05:00 Manufacture Date: Published: 01/10/2024



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Regulated Analytes



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Cannabino	d Profile	Sample Prep	Sample Analysis
cannabinio		Batch Date: 01/08/2024	Date: 01/09/2024
		SOP: 418.AZ	SOP: 417.AZ - HPLC
HPLC	Tested	Batch Number: 685	Sample Weight: 0.043 g Volume: 40 mL

LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
0.300	0.909	1	0.942	9.421	
0.300	0.909	1	0.260	2.602	
0.300	0.909	1	ND	ND	
0.300	0.909	1	ND	ND	
0.300	0.909	1	1.694	16.940	
0.300	0.909	1	ND	ND	
0.300	0.909	1	0.271	2.712	
0.300	0.909	1	ND	ND	
0.300	0.909	1	91.455	914.553	
0.300	0.909	1	ND	ND	
0.300	0.909	1	0.667	6.669	
	0.300 0.300 0.300 0.300 0.300 0.300 0.300 0.300 0.300 0.300 0.300	0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909 0.300 0.909	0.300 0.909 1 0.300 0.909 1 0.300 0.909 1 0.300 0.909 1 0.300 0.909 1 0.300 0.909 1 0.300 0.909 1 0.300 0.909 1 0.300 0.909 1 0.300 0.909 1 0.300 0.909 1 0.300 0.909 1 0.300 0.909 1 0.300 0.909 1	0.300 0.909 1 0.942 0.300 0.909 1 0.260 0.300 0.909 1 ND 0.300 0.909 1 ND 0.300 0.909 1 ND 0.300 0.909 1 ND 0.300 0.909 1 0.271 0.300 0.909 1 ND 0.300 0.909 1 ND	0.300 0.909 1 0.942 9.421 0.300 0.909 1 0.260 2.602 0.300 0.909 1 ND ND 0.300 0.909 1 91.455 914.553 0.300 0.909 1 ND ND

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	91.455	914.553	
Total CBD	0.260	2.602	
Total Cannabinoids	95.290	952.896	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 Ana	alysis			
	Pass			
Batch Date: 01/09/2024 SOP: 431.AZ Batch Number: 687	Sample Prep	Date: 01/10/2024 SOP: 431.AZ - TEMP Sample Weight: 1.0		S
Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 100 CFU/g	< 10 CFU/g	Pass	
	Sample Prep		Sample Analysi	c
Batch Date: 01/09/2024 SOP: 406.AZ Batch Number: 686	oumpre rrep	Date: 01/10/2024 SOP: 406.AZ - qPCR Sample Weight: 1.0	(MG)	-
Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	
Batch Date: 01/09/2024 SOP: 406.AZ Batch Number: 686	Sample Prep	Date: 01/10/2024 SOP: 406.AZ - qPCR Sample Weight: 1.0		S
Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Aspergillus flavus	Not Detected in One Gram	Not Detected in One Gram	Pass	

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Aspergillus niger

Aspergillus terreus

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Not Detected in One Gram

Not Detected in One Gram

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Pass

Pass



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

Not Detected in One Gram

Not Detected in One Gram





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Residual Solvents				Sample Prep			Sample Analysis					
				Batch Date: 01/08/2024 SOP: 405.AZ				Date: 01/09/2024 SOP: 405.AZ - HS-GC-MS				
HS-GC-MS	Pass	;		Batch Number: 681			Sample Weight: 0.051 g					
												_
			Action	Results	- IV			51	Action	Results	o 11/1	

Analyte	LOD / LOQ (ppm)	Dil.	Limit (ppm)	(ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Limit (ppm)	(ppm)	Qualifier
Acetone	65 / 196	1	1000	ND		Heptane	327 / 980	1	5000	ND	
Acetonitrile	27 / 80	1	410	ND		Hexanes	47 / 142	1	290	ND	
Benzene	0.14 / 0.39	1	2	ND		Isopropyl acetate	327 / 980	1	5000	ND	
Butanes	163 / 490	1	5000	ND	M2	Methanol	196 / 588	1	3000	ND	
Chloroform	4 / 12	1	60	ND		Pentanes	327 / 980	1	5000	ND	
Dichloromethane	39 / 118	1	600	ND		2-Propanol (IPA)	327 / 980	1	5000	<loq< td=""><td></td></loq<>	
Ethanol	327 / 980	1	5000	ND		Toluene	59/175	1	890	ND	
Ethyl acetate	327 / 980	1	5000	ND		Xylenes	284 / 851	1	2170	ND	
Ethyl ether	327 / 980	1	5000	ND							

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Heavy Metals		Sample Prep	Sample Analysis
ricavy metals	•	Batch Date: 01/10/2024	Date: 01/10/2024
		SOP: 428.AZ	SOP: 428.AZ - ICP-MS
ICP-MS	Pass	Batch Number: 701	Sample Weight: 0.236 g
	1 4 5 5		Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.017	0.170	10	0.4	ND	
Cadmium	0.017	0.170	10	0.4	ND	
Lead	0.017	0.424	10	1	ND	
Mercury	0.017	0.085	10	0.2	ND	

Mycotoxin A	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: 0.582 g Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.44	8.59	1	20	ND	L1
Aflatoxin B1	3.44	8.49	1		ND	11, L1
Aflatoxin B2	3.44	8.49	1		ND	11
Aflatoxin G1	3.44	8.49	1		ND	
Aflatoxin G2	3.44	4.24	1		ND	11
Ochratoxin A	8.59	8.49	1	20	ND	11

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Pesticides, Fungicides, and **Growth Regulators** Pass

LC-MS/MS

Sample Prep

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



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Sample Analysis

Date: 01/09/2024 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.582 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	0.071/0.215	1	0.5	ND		Hexythiazox	0.143 / 0.430	1	1	ND	M2
Acephate	0.058 / 0.172	1	0.4	ND		Imazalil	0.028 / 0.086	1	0.2	ND	
Acetamiprid	0.028 / 0.086	1	0.2	ND		Imidacloprid	0.058 / 0.172	1	0.4	ND	
Aldicarb	0.058 / 0.172	1	0.4	ND		Kresoxim-methyl	0.058 / 0.172	1	0.4	ND	
Azoxystrobin	0.028 / 0.086	1	0.2	ND		Malathion	0.028 / 0.086	1	0.2	ND	
Bifenazate	0.028 / 0.086	1	0.2	ND	M1	Metalaxyl	0.028 / 0.086	1	0.2	ND	
Bifenthrin	0.028 / 0.086	1	0.2	ND	L1 M2 V1	Methiocarb	0.028 / 0.086	1	0.2	ND	11
Boscalid	0.058 / 0.172	1	0.4	ND		Methomyl	0.058 / 0.172	1	0.4	ND	
Carbaryl	0.028 / 0.086	1	0.2	ND		Myclobutanil	0.028 / 0.086	1	0.2	ND	
Carbofuran	0.028 / 0.086	1	0.2	ND		Naled	0.071/0.215	1	0.5	ND	
Chlorantraniliprole	0.028 / 0.086	1	0.2	ND		Oxamyl	0.143 / 0.430	1	1	ND	
Chlorfenapyr	0.143 / 0.430	1	1	ND	I1, M2	Paclobutrazol	0.058 / 0.172	1	0.4	ND	L1 M2 V1
Chlorpyrifos	0.028 / 0.086	1	0.2	ND	M2	Permethrins	0.028 / 0.086	1	0.2	ND	M2 V1
Clofentezine	0.028 / 0.086	1	0.2	ND	M2	Phosmet	0.028 / 0.086	1	0.2	ND	
Cyfluthrin	0.143 / 0.430	1	1	ND	l1, L1 V1	Piperonyl Butoxide	0.286 / 0.859	1	2	ND	
Cypermethrin	0.143 / 0.430	1	1	ND	M2 V1	Prallethrin	0.028 / 0.086	1	0.2	ND	
Daminozide	0.143 / 0.430	1	1	ND		Propiconazole	0.058 / 0.172	1	0.4	ND	L1 V1
Diazinon	0.028 / 0.086	1	0.2	ND		Propoxur	0.028 / 0.086	1	0.2	ND	
Dichlorvos	0.015 / 0.043	1	0.1	ND		Pyrethrins	0.120 / 0.360	1	1	ND	
Dimethoate	0.028 / 0.086	1	0.2	ND		Pyridaben	0.028 / 0.086	1	0.2	ND	
Ethoprophos	0.028 / 0.086	1	0.2	ND		Spinosad	0.028 / 0.086	1	0.2	ND	
Etofenprox	0.058 / 0.172	1	0.4	ND	11	Spiromesifen	0.028 / 0.086	1	0.2	ND	
Etoxazole	0.028 / 0.086	1	0.2	ND		Spirotetramat	0.028 / 0.086	1	0.2	ND	
Fenoxycarb	0.028 / 0.086	1	0.2	ND	M2	Spiroxamine	0.058 / 0.172	1	0.4	ND	
Fenpyroximate	0.058 / 0.172	1	0.4	ND		Tebuconazole	0.058 / 0.172	1	0.4	ND	L1 M2 V1
Fipronil	0.058 / 0.172	1	0.4	ND	M1	Thiacloprid	0.028 / 0.086	1	0.2	ND	
Flonicamid	0.143 / 0.430	1	1	ND		Thiamethoxam	0.028 / 0.086	1	0.2	ND	
Fludioxonil	0.058 / 0.172	1	0.4	ND		Trifloxystrobin	0.028 / 0.086	1	0.2	ND	M2

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- D1 The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- 1 The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.

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- 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 requirem
- 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.

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