



Warning: Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

PRODUCT INFORMATION

Product Name:

Batch:

Manufacture Date:

Manufacturer: Natures Healing Center 00000046DCYJ00671222

Product created with Co2 distillate and solventless rosin.

CO2 DISTILLATE SOURCE MATERIAL

License Name:

RCIN:

Manufacture Date:

ROSIN SOURCE MATERIAL

License Name:

RCIN:

Manufacture Date:

**Grön products are only sold in cannabis dispensaries
licensed by the state of Arizona.**



Grön
 5619 N 53rd Ave.
 Glendale, AZ 85301
 License #: 00000046DCYJ00671222
 Sample ID: 2311SMAZ0568.2036
 Batch #: AZMDBC4B0923



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 1903

100MG CBN 100MG THC DARK CHOCOLATE BAR

Batch #: AZMDBC4B0923
 Strain: Indica
 Parent Batch #: 06.28.23.DSU.VKL /
 H081423DC
 Sample Collected: 11/14/2023 08:02:00
 Published: 11/17/2023

Sample ID: 2311SMAZ0568.2036
 Amount Received: 21.4 g
 Sample Type: Soft Chew
 Received: 11/14/2023



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	

1.550% Total THC
ND Total CBD
1.613% CBN
0.059% CBG
3.222% Total Cannabinoids (Q3)

Ahmed Munshi
 Technical Laboratory Director

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



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. This COA is governed by the terms and conditions listed on: <https://www.smithers.com/arizona-terms-conditions>



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Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 11/16/2023
 SOP: 418.AZ
 Batch Number: 393

Sample Analysis

Date: 11/17/2023
 SOP: 417.AZ - HPLC
 Sample Weight: 0.206 g
 Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
CBC	0.063	0.190	1	ND	ND	ND	ND	
CBD	0.063	0.190	1	ND	ND	ND	ND	
CBDA	0.063	0.190	1	ND	ND	ND	ND	
CBDV	0.063	0.190	1	ND	ND	ND	ND	
CBG	0.063	0.190	1	0.059	0.587	4.185	4.185	
CBGA	0.063	0.190	1	ND	ND	ND	ND	
CBN	0.063	0.190	1	1.613	16.128	114.993	114.993	
d8-THC	0.063	0.190	1	ND	ND	ND	ND	
d9-THC	0.063	0.190	1	1.550	15.505	110.551	110.551	
THCA	0.063	0.190	1	ND	ND	ND	ND	
THCV	0.063	0.190	1	ND	ND	ND	ND	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	1.550	15.505	110.551	110.551	
Total CBD	ND	ND	ND	ND	
Total Cannabinoids	3.222	32.220	229.729	229.729	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: 7.13 None; Servings/Package: 1

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Microbial Analysis
Pass

Sample Prep

Batch Date: 11/15/2023
 SOP: 431.AZ
 Batch Number: 384

Sample Analysis

Date: 11/17/2023
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.029 g

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

Sample Prep

Batch Date: 11/15/2023
 SOP: 406.AZ
 Batch Number: 383

Sample Analysis

Date: 11/17/2023
 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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Residual Solvents

HS-GC-MS

Pass

Sample Prep

Batch Date: 11/16/2023
 SOP: 405.AZ
 Batch Number: 388

Sample Analysis

Date: 11/17/2023
 SOP: 405.AZ - HS-GC-MS
 Sample Weight: 0.052 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	63 / 192	1	1000	ND		Heptane	321 / 962	1	5000	ND	
Acetonitrile	27 / 79	1	410	ND		Hexanes	46 / 139	1	290	ND	
Benzene	0.13 / 0.38	1	2	ND		Isopropyl acetate	321 / 962	1	5000	ND	
Butanes	160 / 481	1	5000	ND		Methanol	192 / 577	1	3000	ND	
Chloroform	4 / 12	1	60	ND		Pentanes	321 / 962	1	5000	ND	
Dichloromethane	38 / 115	1	600	ND		2-Propanol (IPA)	321 / 962	1	5000	ND	
Ethanol	321 / 962	1	5000	ND		Toluene	58 / 171	1	890	ND	
Ethyl acetate	321 / 962	1	5000	ND		Xylenes	279 / 835	1	2170	ND	
Ethyl ether	321 / 962	1	5000	ND							

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Heavy Metals

ICP-MS **Pass**

Sample Prep
 Batch Date: 11/16/2023
 SOP: 428.AZ
 Batch Number: 390

Sample Analysis
 Date: 11/17/2023
 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	0.018	0.183	10	0.4	ND	
Cadmium	0.018	0.183	10	0.4	<LOQ	
Lead	0.018	0.457	10	1	ND	
Mercury	0.018	0.091	10	0.2	ND	

Mycotoxin Analysis

LC-MS/MS **Pass**

Sample Prep
 Batch Date: 11/15/2023
 SOP: 432.AZ
 Batch Number: 382

Sample Analysis
 Date: 11/17/2023
 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	9.98	1	0	ND	I1
Aflatoxin B2	3.82	9.98	1	0	ND	I1
Aflatoxin G1	3.82	9.98	1	0	ND	I1
Aflatoxin G2	3.82	4.99	1	0	ND	R1
Ochratoxin A	9.54	9.98	1	20	ND	I1, M2R1

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

Sample Prep

Batch Date: 11/15/2023
 SOP: 432.AZ
 Batch Number: 382

Sample Analysis

Date: 11/17/2023
 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	M2 R1
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	
Bifenazate	0.031 / 0.095	1	0.2	ND		Metaxyl	0.031 / 0.095	1	0.2	ND	
Bifenthrin	0.031 / 0.095	1	0.2	ND		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	I1, R1 V1	Paclobutrazol	0.064 / 0.191	1	0.4	ND	L1 M1
Chlorpyrifos	0.031 / 0.095	1	0.2	ND	M2 R1	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		Prallethrin	0.031 / 0.095	1	0.2	ND	
Daminozide	0.159 / 0.477	1	1	ND	M1	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	
Etoxazole	0.031 / 0.095	1	0.2	ND		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	
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	

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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.

Notes:

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