



Northwest Confections Arizona

License #: 00000116DCJL00597353
Sample ID: 2312SMAZ1893.7342
Batch #: AZ EB B106 1



CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

Certificate: 2838

WYLD Elderberry 100mg THC : 50mg CBN

Batch #: AZ EB B106 1

Strain: INDICA

Parent Batch #: 06.05.23.DSU.VKL

Sample Collected: 12/15/2023 11:15:00

Published: 12/20/2023

Sample ID: 2312SMAZ1893.7342

Amount Received: 40 g

Sample Type: Soft Chew

Received: 12/15/2023



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	Additional Microbial Contaminants (Q3) Not Tested

0.250%
Total THC

<LOQ
Total CBD

0.133%
CBN

0.010%
CBG

0.393%
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: 12/15/2023
SOP: 418.AZ
Batch Number: 557

Sample Analysis

Date: 12/19/2023
SOP: 417.AZ - HPLC
Sample Weight: 1.068 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	<LOQ	<LOQ	<LOQ	<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	0.010	0.099	0.396	3.960	
CBGA	0.003	0.009	1	ND	ND	ND	ND	
CBN	0.003	0.009	1	0.133	1.328	5.312	53.120	
d8-THC	0.003	0.009	1	ND	ND	ND	ND	
d9-THC	0.003	0.009	1	0.250	2.503	10.012	100.120	
THCA	0.003	0.009	1	ND	ND	ND	ND	
THCV	0.003	0.009	1	ND	ND	ND	ND	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.250	2.503	10.012	100.120	
Total CBD	<LOQ	<LOQ	<LOQ	<LOQ	
Total Cannabinoids	0.393	3.930	15.720	157.200	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: 4 None; Servings/Package: 10

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Microbial Analysis

Pass

Sample Prep

Batch Date: 12/18/2023
SOP: 431.AZ
Batch Number: 565

Sample Analysis

Date: 12/19/2023
SOP: 431.AZ - TEMPO (MPN)
Sample Weight: 1.037 g

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

Sample Prep

Batch Date: 12/18/2023
SOP: 406.AZ
Batch Number: 564

Sample Analysis

Date: 12/19/2023
SOP: 406.AZ - qPCR (MG)
Sample Weight: 1.001 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: 12/19/2023
SOP: 405.AZ
Batch Number: 571

Sample Analysis

Date: 12/20/2023
SOP: 405.AZ - HS-GC-MS
Sample Weight: 0.051 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (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		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	ND	
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

ICP-MS **Pass**

Sample Prep

Batch Date: 12/18/2023
SOP: 428.AZ
Batch Number: 563

Sample Analysis

Date: 12/19/2023
SOP: 428.AZ - ICP-MS
Sample Weight: 0.222 g
Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.017	0.172	10	0.4	ND	
Cadmium	0.017	0.172	10	0.4	ND	
Lead	0.017	0.431	10	1	<LOQ	
Mercury	0.017	0.086	10	0.2	ND	

Mycotoxin Analysis

LC-MS/MS **Pass**

Sample Prep

Batch Date: 12/18/2023
SOP: 432.AZ
Batch Number: 559

Sample Analysis

Date: 12/19/2023
SOP: 424.AZ - LC-MS/MS
Sample Weight: 0.560 g
Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.57	8.93	1	20	ND	
Aflatoxin B1	3.57	9.92	1	0	ND	
Aflatoxin B2	3.57	9.92	1	0	ND	
Aflatoxin G1	3.57	9.92	1	0	ND	
Aflatoxin G2	3.57	4.96	1	0	ND	
Ochratoxin A	8.93	9.92	1	20	ND	R1

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

Sample Prep

Batch Date: 12/18/2023
SOP: 432.AZ
Batch Number: 559

Sample Analysis

Date: 12/19/2023
SOP: 424.AZ - LC-MS/MS
Sample Weight: 0.560 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	0.074 / 0.223	1	0.5	ND		Hexythiazox	0.149 / 0.446	1	1	ND	
Acephate	0.060 / 0.179	1	0.4	ND		Imazalil	0.029 / 0.089	1	0.2	ND	M2
Acetamiprid	0.029 / 0.089	1	0.2	ND		Imidacloprid	0.060 / 0.179	1	0.4	ND	
Aldicarb	0.060 / 0.179	1	0.4	ND		Kresoxim-methyl	0.060 / 0.179	1	0.4	ND	
Azoxystrobin	0.029 / 0.089	1	0.2	ND		Malathion	0.029 / 0.089	1	0.2	ND	
Bifenazate	0.029 / 0.089	1	0.2	ND		Metalaxyl	0.029 / 0.089	1	0.2	ND	
Bifenthrin	0.029 / 0.089	1	0.2	ND		Methiocarb	0.029 / 0.089	1	0.2	ND	
Boscalid	0.060 / 0.179	1	0.4	ND		Methomyl	0.060 / 0.179	1	0.4	ND	
Carbaryl	0.029 / 0.089	1	0.2	ND		Myclobutanil	0.029 / 0.089	1	0.2	ND	
Carbofuran	0.029 / 0.089	1	0.2	ND		Naled	0.074 / 0.223	1	0.5	ND	
Chlorantraniliprole	0.029 / 0.089	1	0.2	ND		Oxamyl	0.149 / 0.446	1	1	ND	
Chlorfenapyr	0.149 / 0.446	1	1	ND		Pacllobutrazol	0.060 / 0.179	1	0.4	ND	
Chlorpyrifos	0.029 / 0.089	1	0.2	ND	R1	Permethrins	0.029 / 0.089	1	0.2	ND	
Clofentezine	0.029 / 0.089	1	0.2	ND		Phosmet	0.029 / 0.089	1	0.2	ND	
Cyfluthrin	0.149 / 0.446	1	1	ND		Piperonyl Butoxide	0.297 / 0.893	1	2	ND	
Cypermethrin	0.149 / 0.446	1	1	ND		Prallethrin	0.029 / 0.089	1	0.2	ND	
Daminozide	0.149 / 0.446	1	1	ND		Propiconazole	0.060 / 0.179	1	0.4	ND	
Diazinon	0.029 / 0.089	1	0.2	ND		Propoxur	0.029 / 0.089	1	0.2	ND	
Dichlorvos	0.015 / 0.045	1	0.1	ND		Pyrethrins	0.125 / 0.374	1	1	ND	
Dimethoate	0.029 / 0.089	1	0.2	ND		Pyridaben	0.029 / 0.089	1	0.2	ND	
Ethoprophos	0.029 / 0.089	1	0.2	ND		Spinosad	0.029 / 0.089	1	0.2	ND	
Etofenprox	0.060 / 0.179	1	0.4	ND		Spiromesifen	0.029 / 0.089	1	0.2	ND	
Etoxazole	0.029 / 0.089	1	0.2	ND		Spirotetramat	0.029 / 0.089	1	0.2	ND	
Fenoxycarb	0.029 / 0.089	1	0.2	ND		Spiroxamine	0.060 / 0.179	1	0.4	ND	
Fenpyroximate	0.060 / 0.179	1	0.4	ND		Tebuconazole	0.060 / 0.179	1	0.4	ND	
Fipronil	0.060 / 0.179	1	0.4	ND		Thiacloprid	0.029 / 0.089	1	0.2	ND	
Fonicamid	0.149 / 0.446	1	1	ND		Thiamethoxam	0.029 / 0.089	1	0.2	ND	
Fludioxonil	0.060 / 0.179	1	0.4	ND		Trifloxystrobin	0.029 / 0.089	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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