



Northwest Confections Arizona

License #: 00000116DCJL00597353  
Sample ID: 2311SMAZ1816.7095  
Batch #: AZ EB B104 1



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

Certificate: 2334

## WYLD Elderberry 100mg THC : 50mg CBN

Batch #: AZ EB B104 1

Strain: INDICA

Parent Batch #: THC T53

Sample Collected: 12/01/2023 11:10:00

Published: 12/06/2023

Sample ID: 2311SMAZ1816.7095

Amount Received: 40 g

Sample Type: Soft Chew

Received: 12/01/2023



## 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>

**0.263%**  
Total THC

**<LOQ**  
Total CBD

**0.136%**  
CBN

**0.008%**  
CBG

**0.411%**  
Total Cannabinoids (Q3)

Ahmed Munshi

Technical Laboratory Director

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(602) 806-6930



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#### Cannabinoid Profile

HPLC

Tested

#### Sample Prep

Batch Date: 12/01/2023  
SOP: 418.AZ  
Batch Number: 460

#### Sample Analysis

Date: 12/06/2023  
SOP: 417.AZ - HPLC  
Sample Weight: 1.017 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	0.010	1	0.003	0.026	0.104	1.040	M2
CBD	0.003	0.010	1	<LOQ	<LOQ	<LOQ	<LOQ	M2
CBDA	0.003	0.010	1	ND	ND	ND	ND	M2
CBDV	0.003	0.010	1	ND	ND	ND	ND	M2
CBG	0.003	0.010	1	0.008	0.079	0.316	3.160	M2
CBGA	0.003	0.010	1	ND	ND	ND	ND	M2
CBN	0.003	0.010	1	0.136	1.359	5.436	54.360	M2
d8-THC	0.003	0.010	1	ND	ND	ND	ND	M2
d9-THC	0.003	0.010	1	0.263	2.630	10.520	105.200	M2
THCA	0.003	0.010	1	ND	ND	ND	ND	M2
THCV	0.003	0.010	1	0.002	0.017	0.068	0.680	M2

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.263	2.630	10.520	105.200	
Total CBD	<LOQ	<LOQ	<LOQ	<LOQ	
Total Cannabinoids	0.411	4.112	16.448	164.480	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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License #: 00000116DCJL00597353  
Sample ID: 23115MAZ1816.7095  
Batch #: AZ EB B104 1



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**Microbial Analysis**  
  
**Pass**

**Sample Prep**

Batch Date: 12/05/2023  
SOP: 431.AZ  
Batch Number: 476

**Sample Analysis**

Date: 12/06/2023  
SOP: 431.AZ - TEMPO (MPN)  
Sample Weight: 1.065 g

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

**Sample Prep**

Batch Date: 12/05/2023  
SOP: 406.AZ  
Batch Number: 475

**Sample Analysis**

Date: 12/06/2023  
SOP: 406.AZ - qPCR (MG)  
Sample Weight: 1.028 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: 12/01/2023  
SOP: 405.AZ  
Batch Number: 455

**Sample Analysis**  
Date: 12/06/2023  
SOP: 405.AZ - HS-GC-MS  
Sample Weight: 0.050 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	66 / 200	1	1000	ND		Heptane	334 / 1000	1	5000	ND	
Acetonitrile	28 / 82	1	410	ND		Hexanes	48 / 145	1	290	ND	
Benzene	0.14 / 0.40	1	2	ND		Isopropyl acetate	334 / 1000	1	5000	ND	
Butanes	166 / 500	1	5000	ND		Methanol	200 / 600	1	3000	ND	
Chloroform	4 / 12	1	60	ND		Pentanes	334 / 1000	1	5000	ND	
Dichloromethane	40 / 120	1	600	ND		2-Propanol ( PA)	334 / 1000	1	5000	ND	
Ethanol	334 / 1000	1	5000	ND		Toluene	60 / 178	1	890	ND	
Ethyl acetate	334 / 1000	1	5000	ND		Xylenes	290 / 868	1	2170	ND	
Ethyl ether	334 / 1000	1	5000	ND							

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### Heavy Metals

ICP-MS **Pass**

### Sample Prep

Batch Date: 12/05/2023  
SOP: 428.AZ  
Batch Number: 480

### Sample Analysis

Date: 12/06/2023  
SOP: 428.AZ - ICP-MS  
Sample Weight: 0.216 g  
Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.019	0.185	10	0.4	ND	
Cadmium	0.019	0.185	10	0.4	ND	
Lead	0.019	0.463	10	1	ND	
Mercury	0.019	0.092	10	0.2	ND	

### Mycotoxin Analysis

LC-MS/MS **Pass**

### Sample Prep

Batch Date: 12/04/2023  
SOP: 432.AZ  
Batch Number: 466

### Sample Analysis

Date: 12/06/2023  
SOP: 424.AZ - LC-MS/MS  
Sample Weight: 0.591 g  
Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.38	8.46	1	20	ND	
Aflatoxin B1	3.38	9.38	1	0	ND	
Aflatoxin B2	3.38	9.38	1	0	ND	
Aflatoxin G1	3.38	9.38	1	0	ND	
Aflatoxin G2	3.38	4.69	1	0	ND	
Ochratoxin A	8.46	9.38	1	20	ND	I1, R1

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Certificate: 2334

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

### Sample Prep

Batch Date: 12/04/2023  
SOP: 432.AZ  
Batch Number: 466

### Sample Analysis

Date: 12/06/2023  
SOP: 424.AZ - LC-MS/MS  
Sample Weight: 0.591 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	0.070 / 0.212	1	0.5	ND	I1	Hexythiazox	0.141 / 0.423	1	1	ND	
Acephate	0.057 / 0.169	1	0.4	ND		Imazalil	0.028 / 0.085	1	0.2	ND	
Acetamiprid	0.028 / 0.085	1	0.2	ND		Imidacloprid	0.057 / 0.169	1	0.4	ND	
Aldicarb	0.057 / 0.169	1	0.4	ND		Kresoxim-methyl	0.057 / 0.169	1	0.4	ND	
Azoxystrobin	0.028 / 0.085	1	0.2	ND		Malathion	0.028 / 0.085	1	0.2	ND	I1
Bifenazate	0.028 / 0.085	1	0.2	ND		Metalaxyl	0.028 / 0.085	1	0.2	ND	
Bifenthrin	0.028 / 0.085	1	0.2	ND		Methiocarb	0.028 / 0.085	1	0.2	ND	
Boscalid	0.057 / 0.169	1	0.4	ND		Methomyl	0.057 / 0.169	1	0.4	ND	
Carbaryl	0.028 / 0.085	1	0.2	ND		Myclobutanil	0.028 / 0.085	1	0.2	ND	
Carbofuran	0.028 / 0.085	1	0.2	ND		Naled	0.070 / 0.212	1	0.5	ND	
Chlorantraniliprole	0.028 / 0.085	1	0.2	ND		Oxamyl	0.141 / 0.423	1	1	ND	
Chlorfenapyr	0.141 / 0.423	1	1	ND	M2	Paclobutrazol	0.057 / 0.169	1	0.4	ND	
Chlorpyrifos	0.028 / 0.085	1	0.2	ND	M2	Permethrins	0.028 / 0.085	1	0.2	ND	
Clofentezine	0.028 / 0.085	1	0.2	ND		Phosmet	0.028 / 0.085	1	0.2	ND	
Cyfluthrin	0.141 / 0.423	1	1	ND		Piperonyl Butoxide	0.282 / 0.846	1	2	ND	
Cypermethrin	0.141 / 0.423	1	1	ND		Prallethrin	0.028 / 0.085	1	0.2	ND	
Daminozide	0.141 / 0.423	1	1	ND		Propiconazole	0.057 / 0.169	1	0.4	ND	
Diazinon	0.028 / 0.085	1	0.2	ND		Propoxur	0.028 / 0.085	1	0.2	ND	
Dichlorvos	0.014 / 0.042	1	0.1	ND		Pyrethrins	0.118 / 0.354	1	1	ND	
Dimethoate	0.028 / 0.085	1	0.2	ND		Pyridaben	0.028 / 0.085	1	0.2	ND	
Ethoprophos	0.028 / 0.085	1	0.2	ND		Spinosad	0.028 / 0.085	1	0.2	ND	
Etofenprox	0.057 / 0.169	1	0.4	ND		Spiromesifen	0.028 / 0.085	1	0.2	ND	
Etoxazole	0.028 / 0.085	1	0.2	ND		Spirotetramat	0.028 / 0.085	1	0.2	ND	
Fenoxycarb	0.028 / 0.085	1	0.2	ND		Spiroxamine	0.057 / 0.169	1	0.4	ND	
Fenpyroximate	0.057 / 0.169	1	0.4	ND		Tebuconazole	0.057 / 0.169	1	0.4	ND	
Fipronil	0.057 / 0.169	1	0.4	ND		Thiacloprid	0.028 / 0.085	1	0.2	ND	
Fonicamid	0.141 / 0.423	1	1	ND		Thiamethoxam	0.028 / 0.085	1	0.2	ND	
Fludioxonil	0.057 / 0.169	1	0.4	ND		Trifloxystrobin	0.028 / 0.085	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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