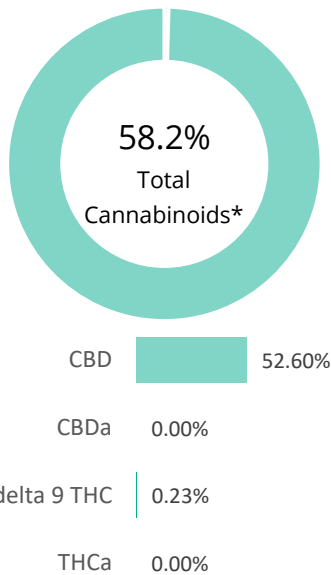


Zone

<b>Batch ID:</b>	Z122-BNC-04	<b>Test ID:</b>	T000228510
<b>Type:</b>	Concentrate	<b>Submitted:</b>	11/28/2022 @ 08:51 AM
<b>Test:</b>	Potency	<b>Started:</b>	12/1/2022
<b>Method:</b>	TM14 (HPLC-DAD)	<b>Reported:</b>	12/1/2022

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.43	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.48	<LOQ	<LOQ
Cannabidiolic acid (CBDA)	0.51	ND	ND
Cannabidiol (CBD)	0.50	52.60	526.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.53	ND	ND
Cannabinolic Acid (CBNA)	0.30	ND	ND
Cannabinol (CBN)	0.14	2.55	25.5
Cannabigerolic acid (CBGA)	0.45	ND	ND
Cannabigerol (CBG)	0.11	0.75	7.5
Tetrahydrocannabivarinic Acid (THCVA)	0.38	ND	ND
Tetrahydrocannabivarin (THCV)	0.10	ND	ND
Cannabidivarinic Acid (CBDVA)	0.21	ND	ND
Cannabidivarin (CBDV)	0.12	0.16	1.6
Cannabichromenic Acid (CBCA)	0.17	ND	ND
Cannabichromene (CBC)	0.19	2.14	21.4
<b>Total Cannabinoids</b>		<b>58.20</b>	<b>582.0</b>
Total Potential THC**		0.00	0.0
Total Potential CBD**		52.60	526.0

NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa \*(0.877)) and

Total CBD = CBD + (CBDa \*(0.877))

ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

	Sam Smith 1-Dec-2022 7:08 PM		Karen Winterheime 1-Dec-2022 7:14 PM
PREPARED BY / DATE		APPROVED BY / DATE	

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



Certificate #4329.02

Prepared for:

**Zone**
**TONIC**

Batch ID or Lot Number: <b>Z122-BNC-04</b>	Test: <b>Metals</b>	Reported: <b>12/1/22</b>	Location: 2566 Pennsylvania Ave Sayre, PA 18840
Matrix: Unit	Test ID: T000228514	Started: 11/30/22	USDA License: N/A
Status: Active	Method: TM19 (ICP-MS); Heavy Metals	Received: 11/28/2022 @ 08:51 AM	Sampler ID: N/A

**HEAVY METALS DETERMINATION**

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.046 - 4.64	ND	
Cadmium	0.043 - 4.34	ND	
Mercury	0.044 - 4.41	ND	
Lead	0.048 - 4.77	ND	

 Colin Hendrickson 1-Dec-22 10:03 AM	 Sam Smith 1-Dec-22 10:08 AM
PREPARED BY / DATE	APPROVED BY / DATE

**Definitions**

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



Certificate #4329.02

Prepared for:

**Zone**

**TONIC**

Batch ID or Lot Number: <b>Z122-BNC-04</b>	Test: <b>Pesticides</b>	Reported: <b>11/30/22</b>	Location: 2566 Pennsylvania Ave Sayre, PA 18840
Matrix: Concentrate	Test ID: T000228512	Started: 11/29/22	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 11/28/2022 @ 08:51 AM	Sampler ID: N/A

**PESTICIDE DETERMINATION**

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	41	ND	Fenoxycarb	44	ND	Paclobutrazol	42	ND
Acetamiprid	44	ND	Fipronil	54	ND	Permethrin	240	ND
Abamectin	305	ND	Fonicamid	48	ND	Phosmet	47	ND
Azoxystrobin	46	ND	Fludioxonil	300	ND	Prophos	300	ND
Bifenazate	45	ND	Hexythiazox	43	ND	Propoxur	44	ND
Boscalid	45	ND	Imazalil	269	ND	Pyridaben	291	ND
Carbaryl	43	ND	Imidacloprid	47	ND	Spinosad A	34	ND
Carbofuran	44	ND	Kresoxim-methyl	150	ND	Spinosad D	51	ND
Chlorantraniliprole	51	ND	Malathion	301	ND	Spiromesifen	282	ND
Chlorpyrifos	500	ND	Metalaxyl	47	ND	Spirotetramat	285	ND
Clofentezine	286	ND	Methiocarb	43	ND	Spiroxamine 1	17	ND
Diazinon	283	ND	Methomyl	43	ND	Spiroxamine 2	24	ND
Dichlorvos	312	ND	MGK 264 1	181	ND	Tebuconazole	287	ND
Dimethoate	44	ND	MGK 264 2	120	ND	Thiacloprid	44	ND
E-Fenpyroximate	289	ND	Myclobutanil	46	ND	Thiamethoxam	41	ND
Etofenprox	46	ND	Naled	48	ND	Trifloxystrobin	45	ND
Etoxazole	305	ND	Oxamyl	1500	ND			

*Samantha Smith*  
Sam Smith  
11/30/2022  
12:52:00 PM

*K Winterheimer*  
Karen Winterheimer  
11/30/2022  
12:56:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

LOQ = Limit of Quantification  
ppb = Parts per Billion

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Certificate #4329.02

Zone

<b>Batch ID:</b>	Z122-BNC-04	<b>Test ID:</b>	T000228513
<b>Matrix:</b>	Finished Product	<b>Received:</b>	11/28/2022 @ 08:51 AM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	11/28/2022
<b>Methods:</b>	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	<b>Reported:</b>	12/1/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
<b>Total Yeast and Mold*</b>	TM-24 Culture Plating	10 <sup>1</sup> CFU/g	2.0x10 <sup>2</sup> - 3.0x10 <sup>4</sup> CFU/g	<b>None Detected</b>
<b>Total Aerobic Count*</b>	TM-26 Culture Plating	10 <sup>2</sup> CFU/g	2.0x10 <sup>3</sup> - 3.0x10 <sup>5</sup> CFU/g	<b>None Detected</b>
<b>Total Coliforms*</b>	TM-27 Culture Plating	10 <sup>1</sup> CFU/g	2.0x10 <sup>2</sup> - 3.0x10 <sup>4</sup> CFU/g	<b>None Detected</b>
<b>STEC</b>	TM-25 PCR	10 <sup>0</sup> CFU/g	N/A	<b>Absent</b>
<b>Salmonella</b>	TM-25 PCR	10 <sup>0</sup> CFU/g	N/A	<b>Absent</b>

\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: 10<sup>2</sup> = 100 CFU  
10<sup>3</sup> = 1,000 CFU  
10<sup>4</sup> = 10,000 CFU  
10<sup>5</sup> = 100,000 CFU


NOTES:


Free from visual mold, mildew, and foreign matter

DEFINITIONS:

CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli  
LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL

  
Eden Thompson-Wright  
12/1/2022  
3:15:00 PM

  
Brett Hudson  
12/1/2022  
5:14:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

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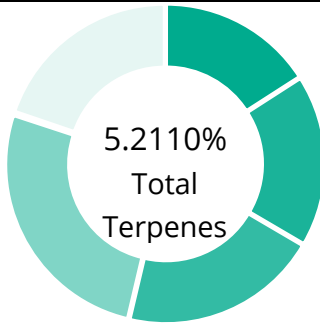


Certificate #4329.03

Zone

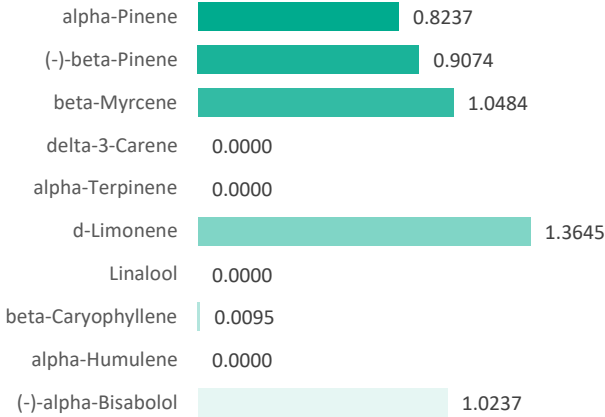
<b>Batch ID:</b>	Z122-BNC-04	<b>Test ID:</b>	T000228511
<b>Type:</b>	Concentrate	<b>Submitted:</b>	11/28/2022 @ 08:51 AM
<b>Test:</b>	Terpenes	<b>Started:</b>	5/16/2022
<b>Method:</b>	TM22 (GC-MS)	<b>Reported:</b>	12/8/2022

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	1.0237	10.237
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0095	0.095
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0000	0.000
(-)-Isopulegol	0.0000	0.000
d-Limonene	1.3645	13.645
Linalool	0.0000	0.000
beta-Myrcene	1.0484	10.484
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0338	0.338
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.8237	8.237
(-)-beta-Pinene	0.9074	9.074
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
<b>Total</b>	<b>5.2110</b>	<b>52.110</b>

PREDOMINANT TERPENES



NOTES:

N/A

FINAL APPROVAL

*K Winternheimer*  
Karen Winternheimer  
8-Dec-2022  
3:47 PM

*Samantha Smith*  
Sam Smith  
8-Dec-2022  
3:49 PM

PREPARED BY / DATE

APPROVED BY / DATE

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