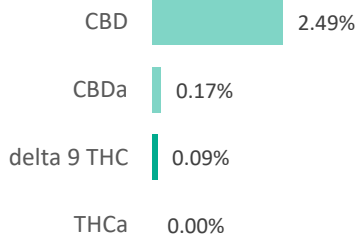
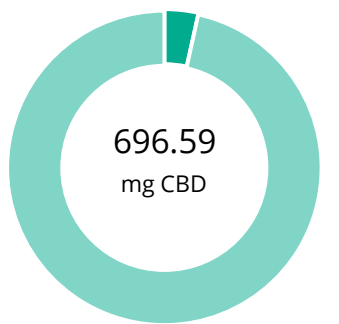


## PURE Tincture

<b>Batch ID:</b>	BN 2111164	<b>Test ID:</b>	T000177752
<b>Type:</b>	Unit	<b>Submitted:</b>	11/22/2021 @ 09:54 AM
<b>Test:</b>	Potency	<b>Started:</b>	11/22/2021
<b>Method:</b>	TM14 (HPLC-DAD)	<b>Reported:</b>	11/22/2021

## CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	3.70	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	4.17	26.52	0.9
Cannabidiolic acid (CBDA)	4.55	46.56	1.7
Cannabidiol (CBD)	4.44	696.59	24.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	4.59	ND	ND
Cannabinolic Acid (CBNA)	2.63	ND	ND
Cannabinol (CBN)	1.20	1.25	0.0
Cannabigerolic acid (CBGA)	3.86	ND	ND
Cannabigerol (CBG)	0.92	12.36	0.4
Tetrahydrocannabivarinic Acid (THCVA)	3.26	ND	ND
Tetrahydrocannabivarin (THCV)	0.84	ND	ND
Cannabidivarinic Acid (CBDVA)	1.90	ND	ND
Cannabidivarin (CBDV)	1.05	2.51	0.1
Cannabichromenic Acid (CBCA)	1.49	16.59	0.6
Cannabichromene (CBC)	1.62	60.10	2.1
<b>Total Cannabinoids</b>		<b>862.48</b>	<b>30.8</b>
Total Potential THC**		26.52	0.9
Total Potential CBD**		737.42	26.3

% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * 0.877)$$

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

## NOTES:

# of Servings = 1, Sample Weight=28g

## FINAL APPROVAL



 Sam Smith  
 22-Nov-2021  
 5:57 PM



 Rvan Weems  
 22-Nov-2021  
 6:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

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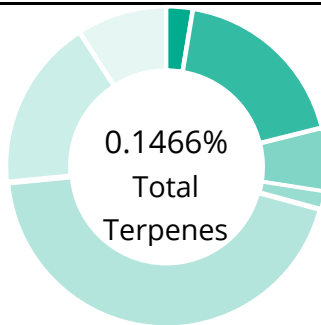


Certificate #4329.02

## PURE Tincture

<b>Batch ID:</b>	BN 2111164	<b>Test ID:</b>	T000177753
<b>Type:</b>	Concentrate	<b>Submitted:</b>	11/22/2021 @ 09:54 AM
<b>Test:</b>	Terpenes	<b>Started:</b>	11/22/2021
<b>Method:</b>	TM22 (GC-MS)	<b>Reported:</b>	11/23/2021

## TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0129	0.129
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0627	0.627
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0008	0.008
Geraniol	0.0000	0.000
alpha-Humulene	0.0247	0.247
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0090	0.090
Linalool	0.0025	0.025
beta-Myrcene	0.0262	0.262
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0016	0.016
Ocimene	0.0000	0.000
beta-Ocimene	0.0025	0.025
alpha-Pinene	0.0037	0.037
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
	<b>0.1466</b>	<b>1.466</b>



## PREDOMINANT TERPENES

alpha-Pinene	0.0037
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0262
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0090
Linalool	0.0025
beta-Caryophyllene	0.0627
alpha-Humulene	0.0247
(-)-alpha-Bisabolol	0.0129

## NOTES:

N/A

## FINAL APPROVAL

 Rvan Weems 23-Nov-2021 6:17 PM	 Daniel Weidensaul 23-Nov-2021 6:28 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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A2LA Certificate Number 4329.02



Certificate #4329.02

Prepared for:

**PURE Tincture**
**FIRST CROP INC**

Batch ID or Lot Number: <b>BN 2111164</b>	Test: <b>Pesticides</b>	Reported: <b>11/30/21</b>	Location: 2400 EAST COUNTY ROAD 8 N MONTE VISTA, CO 81144
Matrix: Concentrate	Test ID: T000177754	Started: 11/29/21	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 11/22/2021 @ 09:54 AM	Sampler ID: N/A

**PESTICIDE DETERMINATION**

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	34	ND	Fenoxycarb	47	ND	Paclobutrazol	43	ND
Acetamiprid	43	ND	Fipronil	2	ND	Permethrin	283	ND
Avermectin	274	ND	Flonicamid	47	ND	Phosmet	36	ND
Azoxystrobin	46	ND	Fludioxonil	292	ND	Prophos	283	ND
Bifenazate	43	ND	Hexythiazox	41	ND	Propoxur	43	ND
Boscalid	55	ND	Imazalil	286	ND	Pyridaben	287	ND
Carbaryl	41	ND	Imidacloprid	48	ND	Spinosad A	35	ND
Carbofuran	43	ND	Kresoxim-methyl	150	ND	Spinosad D	51	ND
Chlorantraniliprole	47	ND	Malathion	294	ND	Spiromesifen	274	ND
Chlorpyrifos	500	ND	Metalaxyl	45	ND	Spirotetramat	287	ND
Clofentezine	281	ND	Methiocarb	41	ND	Spiroxamine 1	29	ND
Diazinon	285	ND	Methomyl	42	ND	Spiroxamine 2	27	ND
Dichlorvos	320	ND	MGK 264 1	158	ND	Tebuconazole	289	ND
Dimethoate	45	ND	MGK 264 2	127	ND	Thiacloprid	43	ND
E-Fenpyroximate	287	ND	Myclobutanil	42	ND	Thiamethoxam	36	ND
Etofenprox	46	ND	Naled	41	ND	Trifloxystrobin	48	ND
Etoxazole	296	ND	Oxamyl	1500	ND			


 Karen Winternheimer  
 11/30/2021  
 1:59:00 PM


 Sam Smith  
 11/30/2021  
 2:24:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

LOQ = Limit of Quantification  
 ppb = Parts per Billion

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Certificate #4329.02


Prepared for:

**PURE Tincture**
**FIRST CROP INC**

Batch ID or Lot Number: <b>BN 2111164</b>	Test: <b>Metals</b>	Reported: <b>11/29/21</b>	Location: 2400 EAST COUNTY ROAD 8 N MONTE VISTA, CO 81144
Matrix: Unit	Test ID: T000177756	Started: 11/24/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS); Heavy Metals	Received: 11/22/2021 @ 09:54 AM	Sampler ID: N/A

**HEAVY METALS DETERMINATION**

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.045 - 4.52	ND	
Cadmium	0.045 - 4.53	ND	
Mercury	0.041 - 4.11	ND	
Lead	0.041 - 4.12	ND	


 Sam Smith  
 29-Nov-21  
 10:23 AM

PREPARED BY / DATE


 Ryan Weems  
 29-Nov-21  
 10:25 AM

APPROVED BY / DATE

**Definitions**

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

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Certificate #4329.02

Prepared for:

**PURE Tincture**
**FIRST CROP INC**

Batch ID or Lot Number: <b>BN 211164</b>	Test: <b>Residual Solvents</b>	Reported: <b>11/24/21</b>	Location: 2400 EAST COUNTY ROAD 8 N MONTE VISTA, CO 81144
Matrix: N/A	Test ID: T000177757	Started: 11/23/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 11/22/2021 @ 09:54 AM	Sampler ID: N/A

**RESIDUAL SOLVENTS DETERMINATION**

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
<b>Propane</b>	89 - 1771	*ND	
<b>Butanes</b> (Isobutane, n-Butane)	177 - 3542	*ND	
<b>Methanol</b>	54 - 1082	*ND	
<b>Pentane</b>	74 - 1470	*ND	
<b>Ethanol</b>	78 - 1563	*ND	
<b>Acetone</b>	86 - 1729	*ND	
<b>Isopropyl Alcohol</b>	93 - 1851	*ND	
<b>Hexane</b>	5 - 105	*ND	
<b>Ethyl Acetate</b>	88 - 1768	*ND	
<b>Benzene</b>	0.2 - 3.5	*ND	
<b>Heptanes</b>	83 - 1651	*ND	
<b>Toluene</b>	16 - 320	*ND	
<b>Xylenes</b> (m,p,o-Xylenes)	116 - 2317	*ND	


 Sam Smith  
 24-Nov-21  
 2:14 PM


 Ryan Weems  
 24-Nov-21  
 2:15 PM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

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

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Certificate #4329.02

Prepared for:

**PURE Tincture****FIRST CROP INC**

Batch ID or Lot Number: <b>BN 2111164</b>	Test: <b>Mycotoxins</b>	Reported: <b>11/29/21</b>	Location: 2400 EAST COUNTY ROAD 8 N MONTE VISTA, CO 81144
Matrix: Concentrate	Test ID: T000177758	Started: 11/24/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 11/22/2021 @ 09:54 AM	Sampler ID: N/A

**MYCOTOXIN DETERMINATION**

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.3 - 131.2	ND	N/A
Aflatoxin B1	1.2 - 33.3	ND	
Aflatoxin B2	1.2 - 33.4	ND	
Aflatoxin G1	1.2 - 33.5	ND	
Aflatoxin G2	1.2 - 32.6	ND	
<b>Total Aflatoxins (B1, B2, G1, and G2)</b>		ND	

Ryan Weems  
29-Nov-21  
3:49 PMSam Smith  
29-Nov-21  
4:04 PM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

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

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Certificate #4329.02

PURE Tincture

<b>Batch ID:</b>	BN 2111164	<b>Test ID:</b>	T000177755
<b>Matrix:</b>	Finished Product	<b>Received:</b>	11/22/2021 @ 09:54 AM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	11/22/2021
<b>Method:</b>	TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	<b>Reported:</b>	11/26/2021

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	LLOQ	ULOQ	Result
<b>Total Aerobic Count*</b>	TM-26 Culture Plating	10 <sup>2</sup> CFU/g	10 <sup>3</sup> CFU/g	1.5x10 <sup>5</sup> CFU/g	<b>None Detected</b>
<b>Total Coliforms*</b>	TM-27 Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	<b>None Detected</b>
<b>Total Yeast and Molds*</b>	TM-24 Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	<b>None Detected</b>
<b>E. coli</b>	TM-28 Culture Plating	1 CFU/g	NA	NA	<b>Absent</b>
<b>E. coli (STEC)</b>	TM-25 PCR	1 CFU/g	NA	NA	<b>Absent</b>
<b>Salmonella</b>	TM-25 PCR	1 CFU/g	NA	NA	<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  
ULOQ = Upper Limit of Quantitation  
LLOQ = Lower Limit of Quantitation

FINAL APPROVAL



Carly Bader  
11/25/2021  
11:20:00 AM



Courtney Richards  
11/26/2021  
1:41:00 AM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03