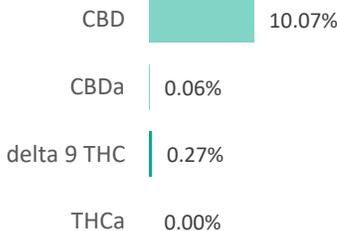
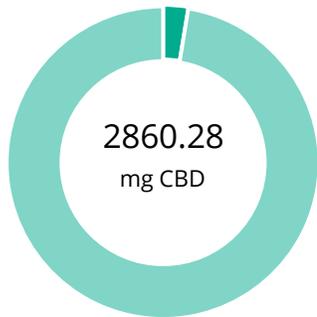


## 3000mg Full Spectrum Hemp Extract/Active Cannabinoids/CBD Oil Original

<b>Batch ID:</b>	AG-2109-30	<b>Test ID:</b>	T000163702
<b>Type:</b>	Unit	<b>Submitted:</b>	09/21/2021 @ 01:18 PM
<b>Test:</b>	Potency	<b>Started:</b>	9/22/2021
<b>Method:</b>	TM14 (HPLC-DAD)	<b>Reported:</b>	9/24/2021

## CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	3.83	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	4.32	76.40	2.7
Cannabidiolic acid (CBDA)	5.21	16.42	0.6
Cannabidiol (CBD)	5.08	2860.28	100.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	4.76	ND	ND
Cannabinolic Acid (CBNA)	2.73	ND	ND
Cannabinol (CBN)	1.25	2.96	0.1
Cannabigerolic acid (CBGA)	4.00	ND	ND
Cannabigerol (CBG)	0.96	40.96	1.4
Tetrahydrocannabivarinic Acid (THCVA)	3.38	ND	ND
Tetrahydrocannabivarin (THCV)	0.87	ND	ND
Cannabidivarinic Acid (CBDVA)	2.17	ND	ND
Cannabidivarin (CBDV)	1.20	17.64	0.6
Cannabichromenic Acid (CBCA)	1.54	ND	ND
Cannabichromene (CBC)	1.68	100.01	3.5
<b>Total Cannabinoids</b>		<b>3114.67</b>	<b>109.7</b>
Total Potential THC**		76.40	2.7
Total Potential CBD**		2874.68	101.2

% = % (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.

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

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

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

## NOTES:

# of Servings = 1, Sample Weight=28.4g

## FINAL APPROVAL



Hannah Wright  
24-Sep-2021  
5:37 PM

PREPARED BY / DATE



Rvan Weems  
24-Sep-2021  
5:38 PM

APPROVED BY / DATE

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Certificate #4329.02

**3000mg Full Spectrum Hemp Extract/Active Cannabinoids/CBD Oil Original**

<b>Batch ID:</b>	AG-2109-30	<b>Test ID:</b>	T000163703
<b>Type:</b>	Concentrate	<b>Submitted:</b>	09/21/2021 @ 01:18 PM
<b>Test:</b>	Terpenes	<b>Started:</b>	9/23/2021
<b>Method:</b>	TM22 (GC-MS)	<b>Reported:</b>	9/25/2021

**TERPENE PROFILE**


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0774	0.774
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0766	0.766
(-)-Caryophyllene Oxide	0.0353	0.353
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0319	0.319
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.0060	0.060
beta-Myrcene	0.0000	0.000
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0073	0.073
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
<b>Total</b>	<b>0.2345</b>	<b>2.345</b>

**PREDOMINANT TERPENES**

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0000
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0000
Linalool	0.0060
beta-Caryophyllene	0.0766
alpha-Humulene	0.0319
(-)-alpha-Bisabolol	0.0774

## NOTES:

N/A

**FINAL APPROVAL**

 Rvan Weems  
 25-Sep-2021  
 1:39 PM


 Daniel Weidensaul  
 25-Sep-2021  
 2:19 PM

PREPARED BY / DATE

APPROVED BY / DATE

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A2LA Certificate Number 4329.02



Certificate #4329.02

Prepared for:

**3000mg Full Spectrum Hemp Extract/Active  
Cannabinoids/CBD Oil Original**
**ASPEN GREEN**

Batch ID or Lot Number: <b>AG-2109-30</b>	Test: <b>Pesticides</b>	Reported: <b>9/29/21</b>	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Concentrate	Test ID: t000163704	Started: 9/28/21	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 09/21/2021 @ 01:18 PM	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	42	ND	Paclobutrazol	42	ND
Acetamiprid	40	ND	Fipronil	33	ND	Permethrin	287	ND
Avermectin	316	ND	Flonicamid	51	ND	Phosmet	43	ND
Azoxystrobin	43	ND	Fludioxonil	295	ND	Prophos	293	ND
Bifenazate	46	ND	Hexythiazox	47	ND	Propoxur	41	ND
Boscalid	54	ND	Imazalil	284	ND	Pyridaben	298	ND
Carbaryl	39	ND	Imidacloprid	42	ND	Spinosad A	35	ND
Carbofuran	41	ND	Kresoxim-methyl	150	ND	Spinosad D	54	ND
Chlorantraniliprole	53	ND	Malathion	299	ND	Spiromesifen	272	ND
Chlorpyrifos	500	ND	Metalaxyl	43	ND	Spirotetramat	305	ND
Clofentezine	285	ND	Methiocarb	42	ND	Spiroxamine 1	18	ND
Diazinon	290	ND	Methomyl	44	ND	Spiroxamine 2	24	ND
Dichlorvos	290	ND	MGK 264 1	160	ND	Tebuconazole	290	ND
Dimethoate	42	ND	MGK 264 2	136	ND	Thiacloprid	41	ND
E-Fenpyroximate	317	ND	Myclobutanil	40	ND	Thiamethoxam	43	ND
Etofenprox	44	ND	Naled	44	ND	Trifloxystrobin	43	ND
Etoxazole	307	ND	Oxamyl	1500	ND			

  
 Sam Smith  
 9/29/2021  
 5:13:00 PM

  
 Courtney Richards  
 9/29/2021  
 7:12:00 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:

**3000mg Full Spectrum Hemp Extract/Active  
Cannabinoids/CBD Oil Original**
**ASPEN GREEN**

Batch ID or Lot Number: <b>AG-2109-30</b>	Test: <b>Metals</b>	Reported: <b>9/28/21</b>	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Unit	Test ID: T000163706	Started: 9/27/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS); Heavy Metals	Received: 09/21/2021 @ 01:18 PM	Sampler ID: N/A

**HEAVY METALS DETERMINATION**

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.046 - 4.65	ND	0
Cadmium	0.046 - 4.64	ND	
Mercury	0.044 - 4.40	ND	
Lead	0.048 - 4.79	ND	


 Ryan Weems  
28-Sep-21  
1:25 PM

PREPARED BY / DATE


 Sam Smith  
28-Sep-21  
1:50 PM

APPROVED BY / DATE

**Definitions**

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

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Certificate #4329.02

**3000mg Full Spectrum Hemp Extract/Active Cannabinoids/CBD Oil Original**

<b>Batch ID:</b>	AG-2109-30	<b>Test ID:</b>	T000163705
<b>Matrix:</b>	Finished Product	<b>Received:</b>	09/21/2021 @ 01:18 PM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	9/22/2021
<b>Method:</b>	TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	<b>Reported:</b>	9/25/2021

**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><i>E. coli</i></b>	TM-28 Culture Plating	1 CFU/g	NA	NA	<b>Absent</b>
<b><i>E. coli</i> (STEC)</b>	TM-25 PCR	1 CFU/g	NA	NA	<b>Absent</b>
<b><i>Salmonella</i></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**

  
 Jackson Osaghae-Nosa  
 9/25/2021  
 1:39:00 PM

PREPARED BY / DATE

  
 Courtney Richards  
 9/25/2021  
 10:21:00 PM

APPROVED BY / DATE

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Certificate #4329.03

Prepared for:

**3000mg Full Spectrum Hemp Extract/Active  
Cannabinoids/CBD Oil Original**
**ASPEN GREEN**

Batch ID or Lot Number: <b>AG-2109-30</b>	Test: <b>Residual Solvents</b>	Reported: <b>9/24/21</b>	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: N/A	Test ID: T000163707	Started: 9/24/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 09/21/2021 @ 01:18 PM	Sampler ID: N/A

**RESIDUAL SOLVENTS DETERMINATION**

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
<b>Propane</b>	74 - 1482	*ND	
<b>Butanes</b> (Isobutane, n-Butane)	147 - 2936	*ND	
<b>Methanol</b>	61 - 1217	*ND	
<b>Pentane</b>	85 - 1708	*ND	
<b>Ethanol</b>	92 - 1834	*ND	
<b>Acetone</b>	102 - 2032	*ND	
<b>Isopropyl Alcohol</b>	106 - 2126	*ND	
<b>Hexane</b>	6 - 117	*ND	
<b>Ethyl Acetate</b>	102 - 2030	*ND	
<b>Benzene</b>	0 - 4	*ND	
<b>Heptanes</b>	94 - 1873	*ND	
<b>Toluene</b>	18 - 359	*ND	
<b>Xylenes</b> (m,p,o-Xylenes)	131 - 2613	*ND	


 Hannah Wright  
24-Sep-21  
2:50 PM


 Ryan Weems  
24-Sep-21  
3:11 PM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

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

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