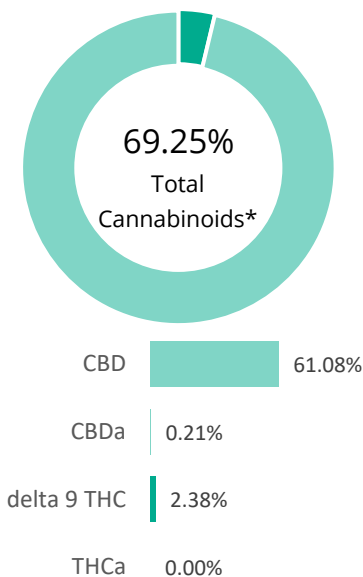


## Full Spectrum Hemp Extract

<b>Batch ID:</b>	ORG-RAW203NES-50K	<b>Test ID:</b>	T000140428
<b>Type:</b>	Concentrate	<b>Submitted:</b>	05/14/2021 @ 10:44 AM
<b>Test:</b>	Potency	<b>Started:</b>	5/17/2021
<b>Method:</b>	TM14	<b>Reported:</b>	5/18/2021

## CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.10	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.11	2.38	23.8
Cannabidiolic acid (CBDA)	0.08	0.21	2.1
Cannabidiol (CBD)	0.08	61.08	610.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.13	0.18	1.8
Cannabinolic Acid (CBNA)	0.07	ND	ND
Cannabinol (CBN)	0.03	0.19	1.9
Cannabigerolic acid (CBGA)	0.11	ND	ND
Cannabigerol (CBG)	0.03	1.54	15.4
Tetrahydrocannabivarinic Acid (THCVA)	0.09	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.03	ND	ND
Cannabidivarin (CBDV)	0.02	0.12	1.2
Cannabichromenic Acid (CBCA)	0.04	ND	ND
Cannabichromene (CBC)	0.04	3.55	35.5
<b>Total Cannabinoids</b>		<b>69.25</b>	<b>692.5</b>
Total Potential THC**		2.38	23.8
Total Potential CBD**		61.26	612.6

% = % (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)

### NOTES:

N/A

## FINAL APPROVAL

	Rvan Weems 18-May-2021 3:19 PM		Daniel Weidensaul 18-May-2021 3:28 PM
PREPARED BY / DATE		APPROVED BY / DATE	

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## Full Spectrum Hemp Extract

<b>Batch ID:</b>	ORG-RAW203NES-50K	<b>Test ID:</b>	T000140430
<b>Type:</b>	Concentrate	<b>Submitted:</b>	05/14/2021 @ 10:44 AM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	5/14/2021
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	5/18/2021

## MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
<b>Total Aerobic Count**</b>	None Detected
<b>Total Coliforms**</b>	None Detected
<b>Total Yeast and Molds**</b>	None Detected
<b>E. coli</b>	Absent
<b>E. coli (STEC)</b>	Absent
<b>Salmonella</b>	Absent

\* CFU/g = Colony Forming Unit per Gram

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

Examples:  $10^2 = 100$  CFU  
 $10^3 = 1,000$  CFU  
 $10^4 = 10,000$  CFU  
 $10^5 = 100,000$  CFU

## NOTES:



Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

## FINAL APPROVAL

  
Sarah Henning  
18-May-2021  
9:45 AM  
Robert Belfon  
18-May-2021  
2:23 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

## Full Spectrum Hemp Extract

<b>Batch ID:</b>	ORG-RAW203NES-50K	<b>Test ID:</b>	T000140429
<b>Type:</b>	Concentrate	<b>Submitted:</b>	05/14/2021 @ 10:44 AM
<b>Test:</b>	Pesticides	<b>Started:</b>	5/18/2021
<b>Method:</b>	TM17	<b>Reported:</b>	5/19/2021


## PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	38 - 2335	ND*	Malathion	276 - 2335	ND*
Acetamiprid	37 - 2335	ND*	Metalaxyl	41 - 2335	ND*
Abamectin	>351	ND*	Methiocarb	40 - 2335	ND*
Azoxystrobin	43 - 2335	ND*	Methomyl	38 - 2335	ND*
Bifenazate	26 - 2335	ND*	MGK 264 1	162 - 2335	ND*
Boscalid	44 - 2335	ND*	MGK 264 2	110 - 2335	ND*
Carbaryl	37 - 2335	ND*	Myclobutanil	39 - 2335	ND*
Carbofuran	41 - 2335	ND*	Naled	37 - 2335	ND*
Chlorantraniliprole	46 - 2335	ND*	Oxamyl	38 - 2335	ND*
Chlorpyrifos	47 - 2335	ND*	Paclobutrazol	41 - 2335	ND*
Clofentezine	280 - 2335	ND*	Permethrin	242 - 2335	ND*
Diazinon	279 - 2335	ND*	Phosmet	41 - 2335	ND*
Dichlorvos	>256	ND*	Prophos	279 - 2335	ND*
Dimethoate	39 - 2335	ND*	Propoxur	40 - 2335	ND*
E-Fenpyroximate	274 - 2335	ND*	Pyridaben	270 - 2335	ND*
Etofenprox	38 - 2335	ND*	Spinosad A	27 - 2335	ND*
Etoxazole	290 - 2335	ND*	Spinosad D	79 - 2335	ND*
Fenoxycarb	>41	ND*	Spiromesifen	>276	ND*
Fipronil	43 - 2335	ND*	Spirotetramat	>289	ND*
Flonicamid	43 - 2335	ND*	Spiroxamine 1	18 - 2335	ND*
Fludioxonil	>265	ND*	Spiroxamine 2	22 - 2335	ND*
Hexythiazox	33 - 2335	ND*	Tebuconazole	290 - 2335	ND*
Imazalil	258 - 2335	ND*	Thiacloprid	39 - 2335	ND*
Imidacloprid	38 - 2335	ND*	Thiamethoxam	36 - 2335	ND*
Kresoxim-methyl	44 - 2335	ND*	Trifloxystrobin	42 - 2335	ND*

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

N/A

## FINAL APPROVAL

  
 Sam Smith  
 19-May-2021  
 4:08 PM

  
 Michele Gagnon  
 19-May-2021  
 4:10 PM

PREPARED BY / DATE

APPROVED BY / DATE

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## Full Spectrum Hemp Extract


<b>Batch ID:</b>	ORG-RAW203NES-50K	<b>Test ID:</b>	T000140431
<b>Type:</b>	Concentrate	<b>Submitted:</b>	05/14/2021 @ 10:44 AM
<b>Test:</b>	Metals	<b>Started:</b>	5/17/2021
<b>Method:</b>	TM19	<b>Reported:</b>	5/19/2021

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.044 - 4.37	ND
Cadmium	0.043 - 4.29	ND
Mercury	0.042 - 4.17	ND
Lead	0.041 - 4.12	ND

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

## FINAL APPROVAL

  
Michele Gagnon  
19-May-2021  
11:04 AM

PREPARED BY / DATE

  
Ryan Weems  
19-May-2021  
11:07 AM

APPROVED BY / DATE

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## Full Spectrum Hemp Extract

<b>Batch ID:</b>	ORG-RAW203NES-50K	<b>Test ID:</b>	T000140432
<b>Type:</b>	Concentrate	<b>Submitted:</b>	05/14/2021 @ 10:44 AM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	5/19/2021
<b>Method:</b>	TM04	<b>Reported:</b>	5/19/2021

## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
<b>Propane</b>	89 - 1771	*ND
<b>Butanes</b>	175 - 3506	*ND
(Isobutane, n-Butane)		
<b>Methanol</b>	63 - 1250	*ND
<b>Pentane</b>	92 - 1844	*ND
<b>Ethanol</b>	98 - 1959	291
<b>Acetone</b>	98 - 1962	*ND
<b>Isopropyl Alcohol</b>	108 - 2164	*ND
<b>Hexane</b>	6 - 121	*ND
<b>Ethyl Acetate</b>	100 - 1993	*ND
<b>Benzene</b>	0.2 - 4	*ND
<b>Heptanes</b>	94 - 1884	*ND
<b>Toluene</b>	18 - 356	*ND
<b>Xylenes</b>	129 - 2578	*ND
(m,p,o-Xylenes)		

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

## NOTES:

N/A

## FINAL APPROVAL

Sam Smith  
19-May-2021  
5:05 PMRyan Weems  
19-May-2021  
5:11 PM

PREPARED BY / DATE

APPROVED BY / DATE

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