

**27836**

Batch ID or Lot Number: <b>C1116-002</b>	Test: <b>Potency</b>	Reported: <b>11/23/21</b>	
Matrix: Solution	Test ID: T000177403	Started: 11/22/21	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 11/19/2021 @ 10:26 AM	Sampler ID: N/A

## CANNABINOID PROFILE

Compound	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.156	0.441	ND	ND	Density = 0.92g/mL
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.176	0.498	ND	ND	
Cannabidiolic acid (CBDA)	0.167	0.514	ND	ND	
Cannabidiol (CBD)	0.163	0.502	18.048	19.62	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.193	0.549	ND	ND	
Cannabinolic Acid (CBNA)	0.111	0.314	ND	ND	
Cannabinol (CBN)	0.051	0.144	ND	ND	
Cannabigerolic acid (CBGA)	0.162	0.460	ND	ND	
Cannabigerol (CBG)	0.039	0.110	1.255	1.36	
Tetrahydrocannabivarinic Acid (THCVA)	0.137	0.389	ND	ND	
Tetrahydrocannabivarin (THCV)	0.035	0.100	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.070	0.215	ND	ND	
Cannabidivarin (CBDV)	0.039	0.119	0.126	0.14	
Cannabichromenic Acid (CBCA)	0.063	0.177	ND	ND	
Cannabichromene (CBC)	0.068	0.194	ND	ND	
<b>Total Cannabinoids</b>			<b>19.429</b>	<b>21.12</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			18.048	19.62	

*Daniel Weidensaul*  
 Daniel Weidensaul  
 23-Nov-2021  
 05:10 PM

*Ryan Weems*  
 Ryan Weems  
 23-Nov-21  
 5:13 PM

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### Definitions

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

\* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

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

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

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

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

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.



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**27836**


Batch ID or Lot Number: <b>C1116-002</b>	Test: <b>Pesticides</b>	Reported: <b>11/29/21</b>
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Matrix: Concentrate	Test ID: T000177404	Started: 11/29/21	USDA License: N/A
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Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 11/19/2021 @ 10:26 AM	Sampler ID: N/A
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## 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			

  
 Sam Smith  
 11/29/2021  
 5:56:00 PM

  
 Daniel Weidensaul  
 11/29/2021  
 6:39:00 PM

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### Definitions

LOQ = Limit of Quantification  
 ppb = Parts per Billion

*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.*




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**27836**

Batch ID or Lot Number: <b>C1116-002</b>	Test: <b>Metals</b>	Reported: <b>11/23/21</b>	
Matrix: Unit Co	Test ID: T000177406	Started: 11/22/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS); Heavy Metals (Colorado Panel)	Received: 11/19/2021 @ 10:26 AM	Sampler ID: N/A

### HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.040 - 4.04	ND	
Cadmium	0.042 - 4.23	ND	
Mercury	0.042 - 4.15	ND	
Lead	0.042 - 4.23	ND	

 Ryan Weems  
23-Nov-21  
1:03 PM

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 Sam Smith  
23-Nov-21  
1:07 PM

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#### Definitions

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

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Batch ID or Lot Number: <b>C1116-002</b>	Test: <b>Mycotoxins</b>	Reported: <b>11/29/21</b>	
Matrix: Concentrate	Test ID: T000177408	Started: 11/24/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	Received: 11/19/2021 @ 10:26 AM	Sampler ID: N/A

### MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.3 - 132.2	ND	N/A
Aflatoxin B1	1.2 - 33.6	ND	
Aflatoxin B2	1.2 - 33.7	ND	
Aflatoxin G1	1.2 - 33.8	ND	
Aflatoxin G2	1.2 - 32.9	ND	
<b>Total Aflatoxins (B1, B2, G1, and G2)</b>		ND	

  
 Ryan Weems  
 29-Nov-21  
 3:49 PM

PREPARED BY / DATE

  
 Sam Smith  
 29-Nov-21  
 4:04 PM

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#### Definitions

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

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Batch ID or Lot Number: <b>C1116-002</b>	Test: <b>Residual Solvents</b>	Reported: <b>11/24/21</b>	
Matrix: N/A	Test ID: T000177407	Started: 11/23/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel)	Received: 11/19/2021 @ 10:26 AM	Sampler ID: N/A

## RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	105 - 2092	*ND	
Butanes (Isobutane, n-Butane)	209 - 4183	*ND	
Methanol	64 - 1278	*ND	
Pentane	87 - 1737	*ND	
Ethanol	92 - 1845	*ND	
Acetone	102 - 2041	*ND	
Isopropyl Alcohol	109 - 2186	*ND	
Hexane	6 - 124	*ND	
Ethyl Acetate	104 - 2088	*ND	
Benzene	0.2 - 4.1	*ND	
Heptanes	98 - 1950	*ND	
Toluene	19 - 378	*ND	
Xylenes (m,p,o-Xylenes)	137 - 2737	*ND	


 Sam Smith  
 24-Nov-21  
 2:14 PM


 Ryan Weems  
 24-Nov-21  
 2:15 PM

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### Definitions

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

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