



**Analytical Results - Not For Regulatory Use**

Lexington Scientific Laboratory  
 2120 Capstone Dr., Ste 111  
 Lexington, KY 40511  
 859-455-8065  
 Lab License #: 19-09-01P

Sample Name: 102019-128 Matrix: Winterized Hemp Extract  
 Tested For: Potency Batch #: N/A  
 Laboratory ID: 102019-128 Lot #: 190925DWC01  
 Date Sampled: 10/15/2019 Date Accepted: 10/15/2019 Results Valid Until: 10/15/2020

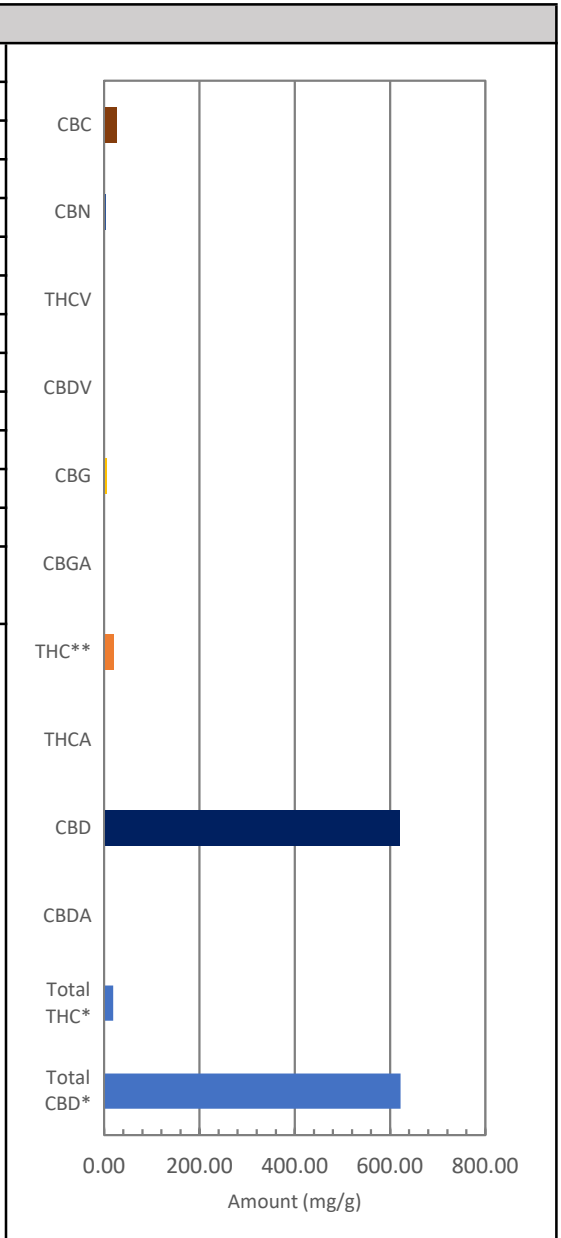
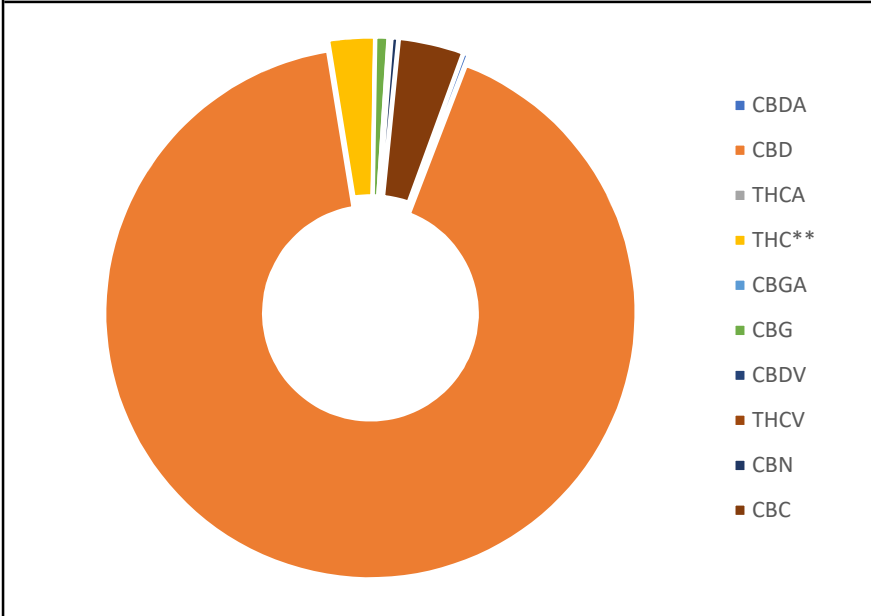
**Potency Analysis**

Date Extracted: 10/22/2019 Analysis Method: HPLC-UV  
 Date Analyzed: 10/22/2019 Moisture %: N/A

Cannabinoids	% Weight	mg/g
<b>Total CBD*</b>	62.24% ± 0.05%	622.36 ± 0.46
<b>Total THC*</b>	1.91% ± 0.03%	19.13 ± 0.32
CBD	62.05% ± 0.02%	620.52 ± 0.18
THCA	0.00% ± 0.00%	0.00 ± 0.00
THC**	1.91% ± 0.03%	19.13 ± 0.32
CBGA	0.00% ± 0.00%	0.00 ± 0.00
CBG	0.52% ± 0.09%	5.25 ± 0.91
CBDV	0.13% ± 0.00%	1.25 ± 0.01
THCV	0.00% ± 0.00%	0.00 ± 0.00
CBN	0.27% ± 0.03%	2.71 ± 0.28
CBC	2.67% ± 0.04%	26.68 ± 0.40
<b>Total Cannabinoids</b>	<b>67.76% ± 0.12%</b>	<b>677.62 ± 1.19</b>

\* Total THC/CBD = (0.877\*THCA/CBDA) + THC/CBD

\*\*THC = Δ9-THC + Δ8-THC





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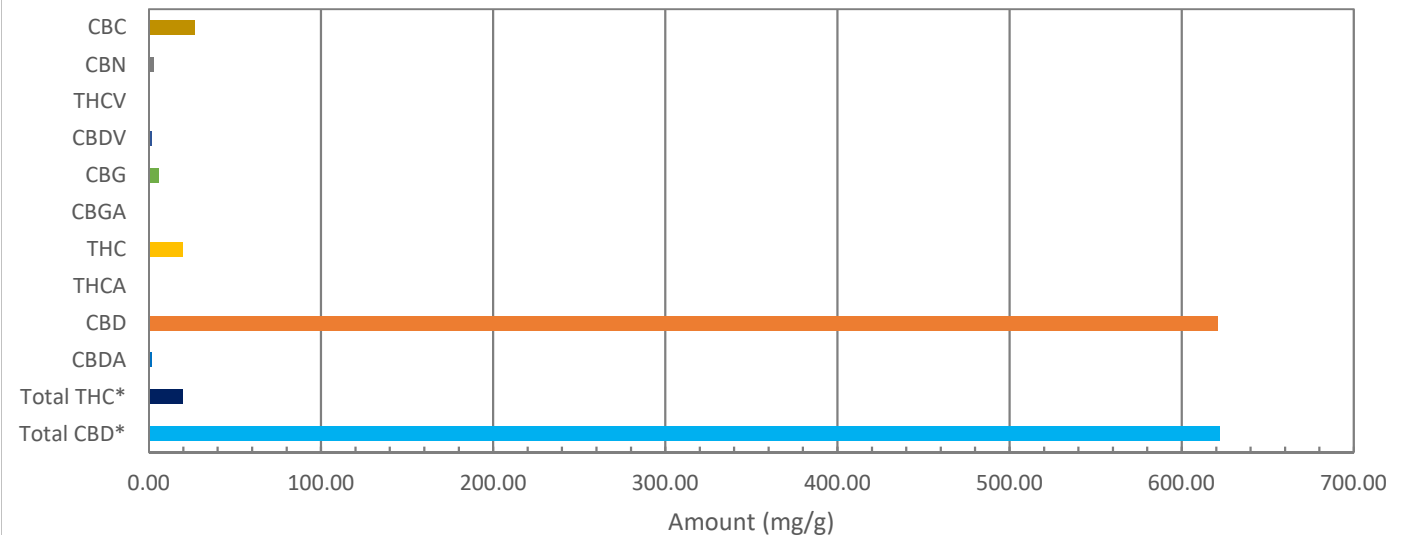
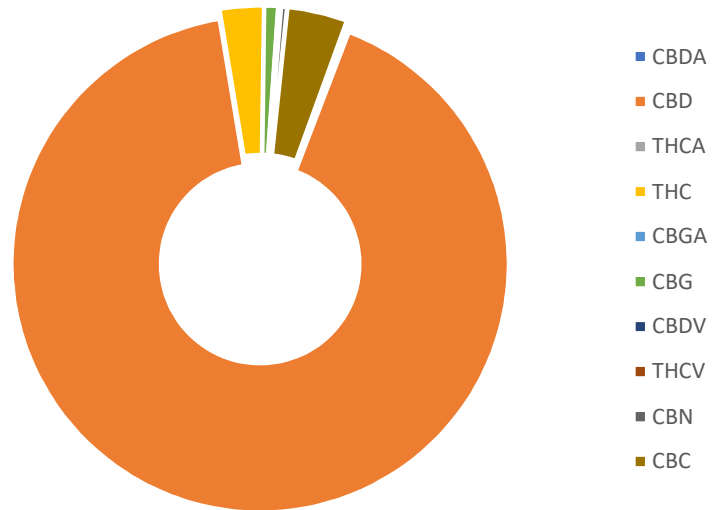
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**Sample Name:** 102019-128 Replicate 1      **Matrix:** Winterized Hemp Extract  
**Tested For:** Potency      **Batch #:** N/A  
**Laboratory ID:** 102019-128 Replicate 1      **Lot #:** 190925DWC01  
**Date Sampled:** 10/15/2019      **Date Accepted:** 10/15/2019      **Results Valid Until:** 10/15/2020

**Potency Analysis**

Date Extracted: 10/22/2019      Analysis Method: HPLC-UV  
 Date Analyzed: 10/22/2019      Moisture %: N/A

Cannabinoids	% Weight	mg/g
<b>Total CBD*</b>	62.22%	622.21
<b>Total THC*</b>	1.94%	19.35
CBDA	0.18%	1.78
CBD	62.07%	620.65
THCA	0.00%	0.00
THC	1.94%	19.35
CBGA	0.00%	0.00
CBG	0.59%	5.89
CBDV	0.13%	1.26
THCV	0.00%	0.00
CBN	0.25%	2.51
CBC	2.64%	26.39
<b>Total Cannabinoids</b>	<b>67.78%</b>	<b>677.83</b>
* Total THC/CBD= (0.877*THCA/CBDA) + THC/CBD		
**THC = Δ9-THC + Δ8-THC		





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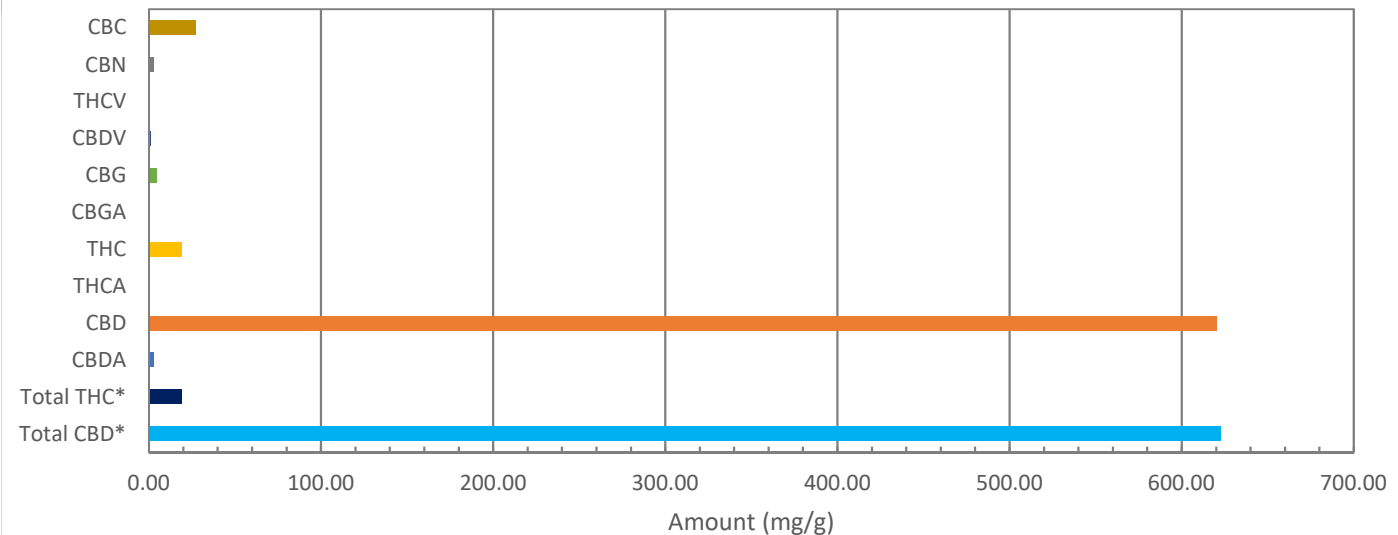
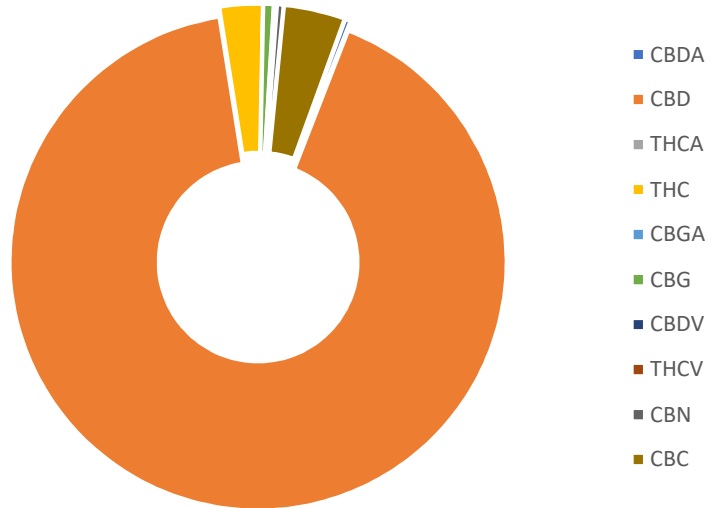
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**Sample Name:** 102019-128 Replicate 2      **Matrix:** Winterized Hemp Extract  
**Tested For:** Potency      **Batch #:** N/A  
**Laboratory ID:** 102019-128 Replicate 2      **Lot #:** 190925DWC01  
**Date Sampled:** 10/15/2019      **Date Accepted:** 10/15/2019      **Results Valid Until:** 10/15/2020

**Potency Analysis**

Date Extracted: 10/22/2019      Analysis Method: HPLC-UV  
 Date Analyzed: 10/22/2019      Moisture %: N/A

Cannabinoids	% Weight	mg/g
<b>Total CBD*</b>	62.25%	622.50
<b>Total THC*</b>	1.89%	18.90
CBDA	0.24%	2.41
CBD	62.04%	620.39
THCA	0.00%	0.00
THC	1.89%	18.90
CBGA	0.00%	0.00
CBG	0.46%	4.60
CBDV	0.12%	1.24
THCV	0.00%	0.00
CBN	0.29%	2.90
CBC	2.70%	26.96
<b>Total Cannabinoids</b>	<b>67.74%</b>	<b>677.40</b>
* Total THC/CBD= (0.877*THCA/CBDA) + THC/CBD		
**THC = Δ9-THC + Δ8-THC		





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**Sample Name:** 102019-128      **Matrix:** Winterized Hemp Extract  
**Tested For:** Residual Solvents      **Batch #:** N/A  
**Laboratory ID:** 102019-128      **Lot #:** 190925DWC01  
**Date Sampled:** 10/15/2019      **Date Accepted:** 10/15/2019      **Results Valid Until:** 10/15/2020

**Potency Analysis**

**Date Extracted:** 10/22/2019      **Analysis Method:** GC-FID  
**Date Analyzed:** 10/22/2019

Solvent	Regulatory Limit (µg/g)*	Measured µg/g	Pass/Fail
Methanol	3000.00	0.00 ± 0.00	PASS
Ethanol	5000.00	0.00 ± 0.00	PASS
Diethyl Ether	5000.00	0.00 ± 0.00	PASS
Acetone	5000.00	117.87 ± 2.13	PASS
Acetonitrile	410.00	0.00 ± 0.00	PASS
2-Propanol	5000.00	10.97 ± 0.06	PASS
Methylene Chloride	1.00	0.00 ± 0.00	PASS
n-Hexane	290.00	0.00 ± 0.00	PASS
Ethyl Acetate	5000.00	0.00 ± 0.00	PASS
Chloroform	1.00	0.00 ± 0.00	PASS
Cyclohexane**	3880.00	0.00 ± 0.00	PASS
Benzene	2.00	0.00 ± 0.00	PASS
1,2-Dichloroethane	1.00	0.00 ± 0.00	PASS
n-Heptane	5000.00	0.00 ± 0.00	PASS
Trichloroethene	1.00	0.00 ± 0.00	PASS
Toluene	890.00	0.00 ± 0.00	PASS
Xylenes	2170.00	0.00 ± 0.00	PASS

\*: Solvent Limits set to CA regulatory limits where applicable (CA BCC Title 16, Divison 42 MAUCR 1/2019 Addendum)

\*\* : Cyclohexane limit set to USP <467> due to absence from CA regulatory limits