

<b>LABORATORY CANNABINOID PROFILE CERTIFICATE OF ANALYSIS</b>	Extraction Date:12-Nov-19 Analysis Date/Time:12-Nov-19, 00:26:05
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CUSTOMER INFORMATION		SAMPLE DETAILS	
Company:	Hemp Direct LLC	Sample Name	1000mg Isolated Tincture
Contact Person:	Kevin McCartney	Sample Number	1907640, 1907641
Contact Email:	Kevin@hemp-direct.com	Sample Information	Batch 11905
Contact phone:	270-315-7766		Average of 2 Replicates

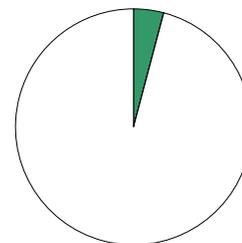
### Substance Potency Analysis

CANNABINOID	Mg. PER GRAM	TOTAL Mg. IN A	27.89	GRAM PACKAGE (as reported by client)
CBD MAXIMUM *	41.22	1149.59		
THC MAXIMUM *	ND <sup>1</sup>	ND <sup>1</sup>		
CBDA	ND <sup>1</sup>	ND <sup>1</sup>		
CBG	ND <sup>1</sup>	ND <sup>1</sup>		
CBD	41.22	1149.59		
CBN	ND <sup>1</sup>	ND <sup>1</sup>		
Δ9-THC	ND <sup>1</sup>	ND <sup>1</sup>		
CBC	ND <sup>1</sup>	ND <sup>1</sup>		
THCA	ND <sup>1</sup>	ND <sup>1</sup>		

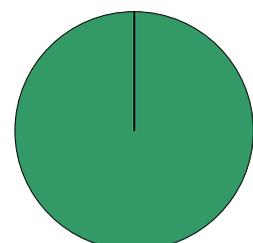
### Substance Distribution Analysis

COLOR CODE	CANNABINOID	% BY WEIGHT	Distribution
	CBDA	ND <sup>1</sup>	ND <sup>1</sup>
	CBG	ND <sup>1</sup>	ND <sup>1</sup>
	CBD	4.12	100.00%
	CBN	ND <sup>1</sup>	ND <sup>1</sup>
	Δ9-THC	ND <sup>1</sup>	ND <sup>1</sup>
	CBC	ND <sup>1</sup>	ND <sup>1</sup>
	THCA	ND <sup>1</sup>	ND <sup>1</sup>

% By Weight



Distribution



White in % by weight is inert material

\* All cannabinoids in their acid forms (ending in "A") are convertible to their non-acid forms via a decarboxylation process (heating). The THC and CBD maximum values reported above are the maximum theoretical amounts of THC and CBD the tested product would have if it were fully decarboxylated.

*Emily Boyd*

**Emily Boyd**  
Laboratory Director

Maximum % THC values exceeding three-tenths of one percent (0.3%) on a dry weight basis do not qualify as industrial hemp. A Max % THC of '< LOQ' or 'ND' satisfies the hemp classification requirement according to Section 7606 of the 2014 Farm Bill Act.

Maximum % THC Value for this sample is: **ND<sup>1</sup>**

<sup>1</sup> Cannabinoid not detected (ND).

<sup>2</sup> Cannabinoid detected below Limit of Quantitation (LOQ).

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