

## Certificate of Analysis

### Bluebird Botanicals

500 S Arthur Ave #300  
Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>481 S</b>	<b>Eurofins Sample:</b>	<b>9268954</b>
<b>Project ID</b>	BLUEBIR_BO-20200211-0018	<b>Receipt Date</b>	12-Feb-2020
<b>PO Number</b>	CVD	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>		<b>Login Date</b>	11-Feb-2020
		<b>Date Started</b>	12-Feb-2020
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	12704-1305A160

#### Analysis

#### Result

##### Industrial Hemp Cannabinoid Profile

CBDVA	<0.0233 mg/mL
CBDV	0.110 mg/mL
CBDA	0.288 mg/mL
CBGA	<0.0233 mg/mL
CBG	0.223 mg/mL
CBD	8.88 mg/mL
THCV	<0.0233 mg/mL
CBN	<0.0233 mg/mL
Delta 9-THC	0.451 mg/mL
Delta 8-THC	<0.0466 mg/mL
THCA	<0.0233 mg/mL
CBC	0.522 mg/mL
Total Cannabinoids	10.5 mg/mL
Total THC (THC + (THCA x 0.877))	0.451 mg/mL
Total CBD (CBD + (CBDA x 0.877))	9.13 mg/mL
CBDVA	0.0238 mg/mL
CBDV	0.111 mg/mL
CBDA	0.285 mg/mL
CBGA	<0.0233 mg/mL
CBG	0.224 mg/mL
CBD	8.68 mg/mL
THCV	<0.0233 mg/mL
CBN	<0.0233 mg/mL
Delta 9-THC	0.442 mg/mL
Delta 8-THC	<0.0466 mg/mL
THCA	<0.0233 mg/mL
CBC	0.573 mg/mL
Total Cannabinoids	10.3 mg/mL
Total THC (THC + (THCA x 0.877))	0.442 mg/mL
Total CBD (CBD + (CBDA x 0.877))	8.93 mg/mL

#### Method References

#### Testing Location

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#### Method References

#### Testing Location

#### Industrial Hemp Cannabinoid Profile (IHCBD\_S)

#### Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

Official Methods of Analysis, Method 2018.11, AOAC INTERNATIONAL, (Modified). Lukas Vaclavik, Frantisek Benes, Alex Krmela, Veronika Svobodova, Jana Hajsolva and Katerina Mastovska, "Quantification of Cannabinoids in Cannabis Dried Plant Materials, Concentrates, and Oils Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection," First Action Method, Journal of AOAC International, Future Issue

#### Testing Location(s)

#### Released on Behalf of Eurofins by

#### Food Integrity Innovation-Madison

Edward Ladwig - Director

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