

## Certificate of Analysis

### Bluebird Botanicals

500 S Arthur Ave, Ste 300  
Boulder Colorado 80027 United States

<b>Sample Name:</b>	<b>0462 Silk</b>	<b>Eurofins Sample:</b>	<b>9127051</b>
<b>Project ID</b>	BLUEBIR_BO-20191220-0224	<b>Receipt Date</b>	23-Dec-2019
<b>PO Number</b>	CVD	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>		<b>Login Date</b>	20-Dec-2019
		<b>Date Started</b>	24-Dec-2019
		<b>Online Order</b>	12704-12BFC1C3

#### Analysis

#### Result

##### Industrial Hemp Cannabinoid Profile

CBDVA	<0.00250 %
CBDV	0.00595 %
CBDA	0.00601 %
CBGA	<0.00250 %
CBG	0.0124 %
CBD	0.955 %
THCV	<0.00250 %
CBN	0.00309 %
Delta 9-THC	0.0225 %
Delta 8-THC	<0.00500 %
THCA	<0.00250 %
CBC	0.0486 %
Total Cannabinoids	1.05 %
Total THC (THC + (THCA x 0.877))	0.0225 %
Total CBD (CBD + (CBDA x 0.877))	0.960 %
CBDVA	<0.00250 %
CBDV	0.00629 %
CBDA	0.00621 %
CBGA	<0.00250 %
CBG	0.0126 %
CBD	0.950 %
THCV	<0.00250 %
CBN	0.00301 %
Delta 9-THC	0.0262 %
Delta 8-THC	<0.00500 %
THCA	<0.00250 %
CBC	0.0480 %
Total Cannabinoids	1.05 %
Total THC (THC + (THCA x 0.877))	0.0262 %
Total CBD (CBD + (CBDA x 0.877))	0.955 %

#### Method References

#### Testing Location

Industrial Hemp Cannabinoid Profile (IHCBD\_S)

Food Integrity Innovation-Madison

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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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