

## Certificate of Analysis

### Bluebird Botanicals

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

<b>Sample Name:</b>	<b>0399 COX</b>	<b>Eurofins Sample:</b>	<b>8310085</b>
<b>Project ID</b>	BLUEBIR_BO-20190402-0069	<b>Receipt Date</b>	03-Apr-2019
<b>PO Number</b>	00160	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>		<b>Login Date</b>	02-Apr-2019
		<b>Date Started</b>	03-Apr-2019
		<b>Online Order</b>	12704-116656FF

#### Analysis

#### Result

#### Multi-Residue Analysis for hemp products - 18 compounds

Matrix Type - To Determine Limit of Quantification (LOQ)	High-Fat Food Matrices
Abamectin	<50 ppb
Azoxystrobin	<50 ppb
Bifenazate	<50 ppb
Bifenthrin	<50 ppb
Cyfluthrin	<50 ppb
Dichlorvos	<50 ppb
Etoxazole	<50 ppb
Fenoxycarb	<50 ppb
Imazalil	<50 ppb
Imidacloprid	<50 ppb
Myclobutanil	<50 ppb
Paclobutrazol	<50 ppb
Piperonyl butoxide	<50 ppb
Pyrethrum (total)	<500 ppb
Spinosad (spinosyns A and D)	<50 ppb
Spiromesifen	<50 ppb
Spirotetramat	<50 ppb
Trifloxystrobin	<50 ppb

#### Method References

#### Testing Location

#### Multi-Residue Analysis for hemp products - 18 compounds (PEST\_HEMP)

Food Integ. Innovation-Greenfield

*Official Methods of Analysis, AOAC Official Method 2007.01*, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

*CEN Standard Method EN 15662*: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

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**Testing Location(s)****Released on Behalf of Eurofins by****Food Integ. Innovation-Greenfield****Karelyn Koehn - Manager**

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Eurofins Food Integrity and Innovation accepts all liability for work conducted as of 01 Aug 2018.

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