

Covance Food Solutions is now Eurofins Food Integrity and Innovation

## Certificate of Analysis

### Bluebird Botanicals

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

<b>Sample Name:</b>	<b>0353 CL</b>	<b>Eurofins Sample:</b>	<b>7900295</b>
<b>Project ID</b>	BLUEBIR_BO-20181126-0164	<b>Receipt Date</b>	23-Nov-2018
<b>PO Number</b>	00116	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>		<b>Login Date</b>	26-Nov-2018
		<b>Online Order</b>	12704-10B84E99

Analysis	Result
<b>Multi-Residue Analysis for hemp products - 18 compounds</b>	
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
-------------------	------------------

<b>Multi-Residue Analysis for hemp products - 18 compounds (PEST_HEMP)</b>	<b>Food Integ. Innovation-Greenfield</b>
--	--

*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.

Covance Food Solutions is now Eurofins Food Integrity and Innovation

## Certificate of Analysis

### Bluebird Botanicals

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

Testing Location(s)	Released on Behalf of Eurofins by
<b>Food Integ. Innovation-Greenfield</b> Eurofins Food Chemistry Testing US, Inc. 671 S. Meridian Road Greenfield IN 46140 800-675-8375	<b>Karelyn Koehn - Manager</b>   2918.06



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

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins.