

## Certificate of Analysis

### Bluebird Botanicals

500 S Arthur Ave, Ste 300  
Louisville, CO 80027

<b>Sample Name:</b>	0287 CLX	<b>Covance Sample:</b>	CDXA-18-007899
<b>Project ID</b>	COR005630	<b>Receipt Date</b>	10-Jul-18
<b>PO Number</b>	CD0007	<b>Receipt Condition</b>	Ambient
<b>Lot Number</b>	N/A	<b>Login Date</b>	10-Jul-18
<b>Sample Serving Size</b>	0.5 mL		

Analysis	Specification	Result*
<b>Industrial Hemp Cannabinoid Potency Analysis by UPLC</b>		
CBDVA	NA	< 0.047 mg/mL
CBDV	NA	0.483 mg/mL
CBDA	NA	0.914 mg/mL
CBGA	NA	< 0.047 mg/mL
CBG	NA	1.01 mg/mL
CBD	NA	43.9 mg/mL
THCV	NA	< 0.047 mg/mL
CBN	NA	0.162 mg/mL
Δ9-THC	NA	1.94 mg/mL
Δ8-THC	NA	< 0.093 mg/mL
THCA	NA	< 0.047 mg/mL
CBC	NA	2.05 mg/mL
 Total	 25-30 mg/mL	 50.5 mg/mL

\*A density of 921 mg/mL was used to calculate all results.

Method References	Testing Location
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<b>Industrial Hemp Cannabinoid Potency Analysis by UPLC (CDA-00101393-ARS)</b> MP-IHCBD	<b>Covance Laboratories - Boulder</b>
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Testing Location(s)	Released on Behalf of Covance by
<b>Covance Laboratories – Boulder CO</b>	<b>Ian Laessig – Site Manager</b>

Covance Food Solutions - Boulder, CO  
2830 Wilderness Pl  
Boulder CO 80301 United States

Verified: Devon Cruz

QA Approved:

**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 Covance.**