

Certificate of Analysis

Bluebird Botanicals

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

Sample Name:	0394 SX	Eurofins Sample:	8293646
Project ID	BLUEBIR_BO-20190328-0067	Receipt Date	28-Mar-2019
PO Number	CA0053	Receipt Condition	Ambient temperature
Sample Serving Size	0.5 mL	Login Date	28-Mar-2019
		Date Started	28-Mar-2019

Analysis	Specifications	Result
Industrial Hemp Cannabinoid Profile		
CBDVA		<0.0229 mg/mL
CBDV		0.398 mg/mL
CBDA		0.244 mg/mL
CBGA		<0.0229 mg/mL
CBG		0.682 mg/mL
CBD		44.4 mg/mL
THCV		1.39 mg/mL
CBN		0.145 mg/mL
Delta 9-THC		1.42 mg/mL
Delta 8-THC		<0.0459 mg/mL
THCA		<0.0229 mg/mL
CBC		2.39 mg/mL
Total Cannabinoids	50 - 60 mg/mL	51.1 mg/mL

Method References	Testing Location
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Industrial Hemp Cannabinoid Profile (IHCBD_S)	Food Integrity Innovation-Boulder
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Vaclavik, L., Benes, F., Krmela, A., Svobodova, V., Hajslova, J., Mastovska, K., "Quantification of Cannabinoids in Cannabis Dried Plant Materials and Concentrates Using Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection: A Single Laboratory Validation Study", submitted for AOAC SMPR 2017.001 and 2017.002.

Testing Location(s)	Released on Behalf of Eurofins by
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Food Integrity Innovation-Boulder

Ian Laessig - Manager

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800-675-8375



AT-1816

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