

Certificate of Analysis

Bluebird Botanicals

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

Sample Name:	0477 THF	Eurofins Sample:	9101042
Project ID	BLUEBIR_BO-20191212-0216	Receipt Date	16-Dec-2019
PO Number	121219	Receipt Condition	Ambient temperature
Sample Serving Size	1 mL	Login Date	12-Dec-2019
		Date Started	16-Dec-2019
		Online Order	12704-12B5350F

Analysis	Result	Result per Serving
Industrial Hemp Cannabinoid Profile		
CBDVA	<0.0250 mg/g	<0.0238 mg/Serving Size
CBDV	0.182 mg/g	0.173 mg/Serving Size
CBDA	<0.0250 mg/g	<0.0238 mg/Serving Size
CBGA	<0.0250 mg/g	<0.0238 mg/Serving Size
CBG	<0.0250 mg/g	<0.0238 mg/Serving Size
CBD	55.3 mg/g	52.5 mg/Serving Size
THCV	<0.0250 mg/g	<0.0238 mg/Serving Size
CBN	<0.0250 mg/g	<0.0238 mg/Serving Size
Delta 9-THC	<0.0250 mg/g	<0.0238 mg/Serving Size
Delta 8-THC	<0.0500 mg/g	<0.0476 mg/Serving Size
THCA	<0.0250 mg/g	<0.0238 mg/Serving Size
CBC	<0.0250 mg/g	<0.0238 mg/Serving Size
Total Cannabinoids	55.5 mg/g	52.8 mg/Serving Size
Total THC (THC + (THCA x 0.877))	<0.0500 mg/g	<0.0476 mg/Serving Size
Total CBD (CBD + (CBDA x 0.877))	55.3 mg/g	52.6 mg/Serving Size
CBDVA	<0.0250 mg/g	<0.0238 mg/Serving Size
CBDV	0.178 mg/g	0.169 mg/Serving Size
CBDA	<0.0250 mg/g	<0.0238 mg/Serving Size
CBGA	<0.0250 mg/g	<0.0238 mg/Serving Size
CBG	<0.0250 mg/g	<0.0238 mg/Serving Size
CBD	60 mg/g	52.8 mg/Serving Size
THCV	<0.0250 mg/g	<0.0238 mg/Serving Size
CBN	<0.0250 mg/g	<0.0238 mg/Serving Size
Delta 9-THC	<0.0250 mg/g	<0.0238 mg/Serving Size
Delta 8-THC	<0.0500 mg/g	<0.0476 mg/Serving Size
THCA	<0.0250 mg/g	<0.0238 mg/Serving Size
CBC	<0.0250 mg/g	<0.0238 mg/Serving Size
Total Cannabinoids	55.7 mg/g	52.9 mg/Serving Size
Total THC (THC + (THCA x 0.877))	<0.0500 mg/g	<0.0476 mg/Serving Size
Total CBD (CBD + (CBDA x 0.877))	55.5 mg/g	52.8 mg/Serving Size

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Method References	Testing Location
Industrial Hemp Cannabinoid Profile (IHCBD_S) 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	Food Integrity Innovation-Madison

Testing Location(s)	Released on Behalf of Eurofins by
Food Integrity Innovation-Madison Eurofins Food Chemistry Testing US, Inc. 3301 Kinsman Blvd Madison WI 53704 800-675-8375	Edward Ladwig - Director  2918.01



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