

Certificate of Analysis

Bluebird Botanicals

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

| | | | |
|----------------------------|--------------------------|--------------------------|---------------------|
| Sample Name: | 0436 SGL | Eurofins Sample: | 8680592 |
| Project ID | BLUEBIR_BO-20190729-0138 | Receipt Date | 29-Jul-2019 |
| PO Number | CVD | Receipt Condition | Ambient temperature |
| Sample Serving Size | 1 Softgel | Login Date | 29-Jul-2019 |
| | | Date Started | 29-Jul-2019 |

| Analysis | Specifications | Result |
|--|-----------------------|--------------------------|
| Industrial Hemp Cannabinoid Profile | | |
| CBDVA | | <0.00300 mg/Serving Size |
| CBDV | | 0.0383 mg/Serving Size |
| CBDA | | <0.00300 mg/Serving Size |
| CBGA | | <0.00300 mg/Serving Size |
| CBG | | 0.0809 mg/Serving Size |
| CBD | | 4.96 mg/Serving Size |
| THCV | | 0.00652 mg/Serving Size |
| CBN | | 0.0128 mg/Serving Size |
| Delta 9-THC | | 0.157 mg/Serving Size |
| Delta 8-THC | | <0.00600 mg/Serving Size |
| THCA | | <0.00300 mg/Serving Size |
| CBC | | 0.260 mg/Serving Size |
| Total Cannabinoids | 5 - 8 mg/Serving Size | 5.51 mg/Serving Size |
| Total THC (THC + (THCA x 0.877)) | | 0.157 mg/Serving Size |
| Total CBD (CBD + (CBDA x 0.877)) | | 4.96 mg/Serving Size |
| CBDVA | | <0.00300 mg/Serving Size |
| CBDV | | 0.0393 mg/Serving Size |
| CBDA | | <0.00300 mg/Serving Size |
| CBGA | | <0.00300 mg/Serving Size |
| CBG | | 0.0806 mg/Serving Size |
| CBD | | 4.97 mg/Serving Size |
| THCV | | 0.00706 mg/Serving Size |
| CBN | | 0.0131 mg/Serving Size |
| Delta 9-THC | | 0.157 mg/Serving Size |
| Delta 8-THC | | <0.00600 mg/Serving Size |
| THCA | | <0.00300 mg/Serving Size |
| CBC | | 0.260 mg/Serving Size |
| Total Cannabinoids | 5 - 8 mg/Serving Size | 5.53 mg/Serving Size |
| Total THC (THC + (THCA x 0.877)) | | 0.156 mg/Serving Size |
| Total CBD (CBD + (CBDA x 0.877)) | | 4.97 mg/Serving Size |

* This analysis or component is not ISO accredited.

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| Analysis | Specifications | Result |
|-----------------------------------|----------------|----------|
| Calculated Sample Weight * | | |
| Entity Weight | | 0.2776 g |
| Entity Fill Weight | | 0.1201 g |

| Method References | Testing Location |
|--|--|
| Calculated Sample Weight (PREP_BOU) | Food Integrity Innovation-Boulder |
| Industrial Hemp Cannabinoid Profile (IHCBDS) | Food Integrity Innovation-Boulder |
| 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 | |

| Testing Location(s) | Released on Behalf of Eurofins by |
|--|---|
| Food Integrity Innovation-Boulder | Ian Laessig - Manager |
| Eurofins Food Chemistry Testing US, Inc. 2830 Wilderness Pl Boulder CO 80301 800-675-8375 |   |

AT-1816

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