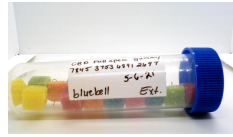




# Certificate of Analysis



**CBD GUMMIES FULL SPECTRUM**

Matrix: Edible

Accession Number: 050721UD0013

Harvest/Lot ID: CBD GUMMIES FULL

Seed to Sale: \*

Batch Date: 05/06/21

Batch #: CBD GUMMIES FULL SPECTRUM

Sample Size Received: 1 units

Retail Product Size:

Ordered: 05/06/21

Completed: 05/13/21

Expires: 05/12/22

Sampling Method: SOP Client Method

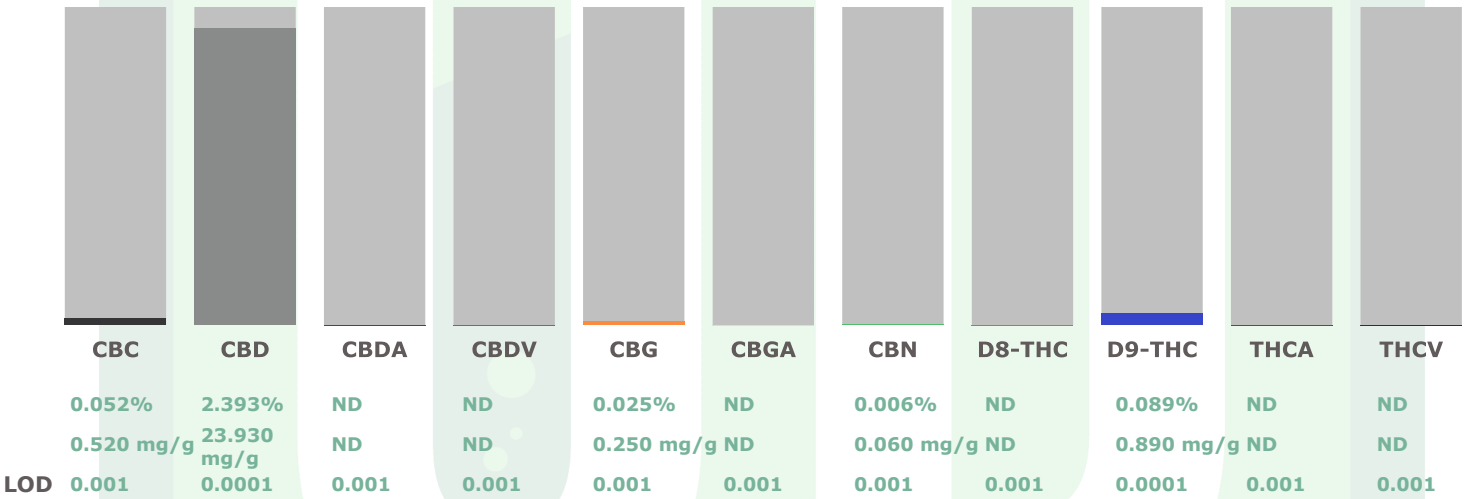
May 13, 2021 | Aerosource H



Keval, KY,  
(270) 462-2742

## CANNABINOID RESULTS

<b>Total THC</b> <b>0.089%</b>	<b>Total CBD</b> <b>2.393%</b>	<b>Total Cannabinoids</b> <b>2.565%</b>
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Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-PDA). (Method: SOP.KY.02.005) sample prep and Shimadzu High Sensitivity Method SOP.KY.02.012 for analysis. LOQ for all cannabinoids is 1 mg/L. % = %w/w = Percent (Weight of Analyte/Weight Product) Total Cannabinoids result reflects the absolute sum of all cannabinoids detected. \*\*Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation Total THC = THC + (THCa\*0.877) Total CBD = CBD + (CBDA\*0.877) null

<b>Filth &amp; Foreign Matter</b>	<b>PASSED</b>
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This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection. SOP.KY.02.11

This report shall not be reproduced, unless in its entirety, without written approval from Universal Diagnostics. This report is an Universal Diagnostics certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

**David Greene**  
Lab Director  
State License # 19-05-02P  
ISO Accreditation # PJLA  
ISO17025

Signature

05/13/21

Signed On



Certificate of Analysis

Aerosource H



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Email: cbaldwin@aerosourceh.com

CBD GUMMIES FULL SPECTRUM

Matrix: Edible

Accession Number: 050721UD0013

Harvest/Lot ID: CBD GUMMIES FULL

Seed to Sale: \*

Batch Date: 05/06/21

Batch #: CBD GUMMIES FULL SPECTRUM

Sample Size Received: 1 units

Retail Product Size:

Ordered: 05/06/21

Completed: 05/13/21

Expires: 05/12/22

Sampling Method: SOP Client Method

Table with 12 columns: Pesticides, LLOQ, Result, Units, Action Level, Pass / Fail. Includes a large 'PASSED' watermark and lists various pesticides like CYPERMETHRIN, SPIROMESIFEN, etc.

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). \*\*

Table with 12 columns: Mycotoxins, LLOQ, Result, Units, Action Level, Pass / Fail. Includes a large 'PASSED' watermark and lists Aflatoxin B1, Ochratoxin A+, Aflatoxin G1, Aflatoxin B2, Aflatoxin G2.

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be 20g/Kg. Ochratoxins must be 20g/Kg

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David Greene
Lab Director
State License # 19-05-02P
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Signature

05/13/21

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Certificate of Analysis

Aerosource H



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CBD GUMMIES FULL SPECTRUM

Matrix: Edible
Accession Number: 050721UD0013
Harvest/Lot ID: CBD GUMMIES FULL
Seed to Sale: \*
Batch Date: 05/06/21
Batch #: CBD GUMMIES FULL SPECTRUM
Sample Size Received: 1 units
Retail Product Size:
Ordered: 05/06/21
Completed: 05/13/21
Expires: 05/12/22
Sampling Method: SOP Client Method

Table with 6 columns: Solvent, LLOQ, Result, Units, Action Level (PPM), Pass/Fail. Row 1: Residual Solvents PASSED. Rows 2-20: Isobutane, Toluene, Total Xylenes, Methanol, Ethanol, Pentane, Heptane, Ethyl Acetate, Acetone, Ethyl Ether, Propane, M/P-Xylene, O-Xylene, 2-Propanol, Acetonitrile, Hexane, Butane.

Table with 6 columns: Metal, LLOQ, Result, Unit, Action Level, Pass/Fail. Row 1: Heavy Metals PASSED. Rows 2-5: Mercury, Arsenic, Cadmium, Lead.

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS. \*Action Limits based on Colorado Regulations.

Table with 2 columns: Analyte, Result. Row 1: Microbials PASSED. Rows 2-6: ESCHERICHIA\_COLI\_SHIGELLA\_SPP, ASPERGILLUS\_NIGER, SALMONELLA\_SPECIFIC\_GENE, ASPERGILLUS\_FUMIGATUS, ASPERGILLUS\_TERREUS\_112, ASPERGILLUS\_FLAVUS.

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

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Signature

05/13/21

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