

# Certificate of Analysis



## Blueberry Cheesecake

Client: OK Verified  
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 Seattle, WA  
 License: sonja@okcannabis.com

Lab ID: P191016-10 001  
 Date Received: 10/16/2019  
 Analysis Completed: 10/20/2019

Original Global ID: WAJ414462.IND6VXG  
 Lab Global ID: n/a  
 Sample Type: Cartridges

### Cannabinoid Concentration Analysis

|         | Result (%) |                                 | Result (%) |
|---------|------------|---------------------------------|------------|
| CBC     | 0.80       | Total THC <sup>1</sup>          | 56.89      |
| CBCA    | 1.66       | Total CBD <sup>2</sup>          | 0.20       |
| CBD     | 0.20       | Total Cannabinoids <sup>3</sup> | 67.00      |
| CBDA    | <0.01      |                                 |            |
| CBDV    | <0.01      |                                 |            |
| CBDVA   | <0.01      |                                 |            |
| CBG     | 1.09       |                                 |            |
| CBGA    | 1.45       |                                 |            |
| CBL     | <0.01      |                                 |            |
| CBN     | 1.00       |                                 |            |
| CBNA    | 0.56       |                                 |            |
| CBT     | <0.01      |                                 |            |
| THCA    | 14.62      |                                 |            |
| THCV    | 1.07       |                                 |            |
| THCVA   | 0.49       |                                 |            |
| Δ-8 THC | <0.01      |                                 |            |
| Δ-9 THC | 44.08      |                                 |            |

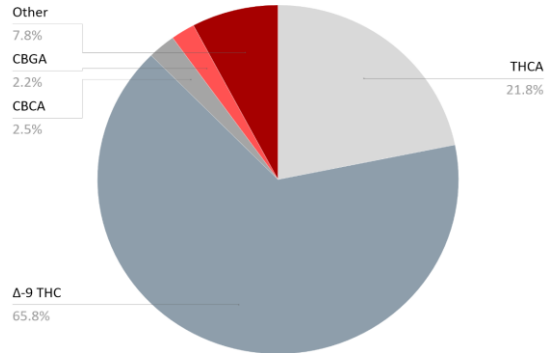
Method: HPLC

Notes: <sup>1</sup> Total THC = THCA x 0.877 + Δ9 THC.

<sup>2</sup> Total CBD = CBDA x 0.877 + CBD.

<sup>3</sup> Sum of all cannabinoids without a conversion factor applied to THCA or CBDA.

### Relative Cannabinoid Concentration



### Foreign Matter Screening

|       | Result (%) | WSLCB Limit | Pass/Fail |
|-------|------------|-------------|-----------|
| Stems | n/a        | < 5         | n/a       |
| Seeds | n/a        | < 2         | n/a       |
| Other | n/a        | < 2         | n/a       |

Method: Visual / Microscopy

### Water Activity Analysis

|                | Result (aW) | WSLCB Limit | Pass/Fail |
|----------------|-------------|-------------|-----------|
| Water Activity | n/a         | < 0.65      | n/a       |

Method: Hygrometer

### Moisture Content Analysis

|                  | Result (%) | WSLCB Limit | Pass/Fail |
|------------------|------------|-------------|-----------|
| Moisture Content | n/a        | < 15        | n/a       |

Method: Gravimetric

### Terpene Concentration Analysis

|                    | Result (%) |                 | Result (%) |
|--------------------|------------|-----------------|------------|
| Alpha-Bisabolol    | 1.04       | D-Limonene      | nd         |
| Alpha-Humulene     | 0.97       | Fenchone        | n/a        |
| Alpha-Pinene       | nd         | Gamma-Terpinene | nd         |
| Alpha-Terpinene    | nd         | Geraniol        | nd         |
| Alpha-Terpineol    | n/a        | Guaicol         | 0.27       |
| Beta-Caryophyllene | 2.30       | Isopulegol      | nd         |
| Beta-Myrcene       | nd         | Linalool        | 0.16       |
| Beta-Pinene        | nd         | Nerolidol       | 4.84       |
| Borneol            | n/a        | Ocimene         | nd         |
| Camphene           | nd         | P-Cymene        | nd         |
| Citral             | n/a        | Pulegone        | n/a        |
| Citronellol        | n/a        | Terpinolene     | 0.04       |
| Delta-3-Carene     | nd         | 2-Piperidinone  | n/a        |
| Dihydrocarveol     | n/a        | Total Terpenes: | 9.62       |

Method: GC-FID

### Microbiological Screening

|                    | Result (CFU/g) | WSLCB Limit | Pass/Fail |
|--------------------|----------------|-------------|-----------|
| Enterobacteriaceae | n/a            | < 10,000    | n/a       |
| E. coli            | n/a            | *           | n/a       |
| Salmonella         | n/a            | *           | n/a       |

Method: FDA BAM

Notes: \* Not detected in 1 gram.

### Mycotoxin Screening

|            | Result (ppb) | WSLCB Limit | Pass/Fail |
|------------|--------------|-------------|-----------|
| Aflatoxin  | n/a          | < 20        | n/a       |
| Ochratoxin | n/a          | < 20        | n/a       |

Method: ELISA

### Residual Solvent Screening

|                 | Result (ppm) | WSLCB Limit | Pass/Fail |
|-----------------|--------------|-------------|-----------|
| Acetone         | 53           | 5,000       | Pass      |
| Benzene         | nd           | 2           | Pass      |
| Butanes         | nd           | 5,000       | Pass      |
| Chloroform      | nd           | 2           | Pass      |
| Cyclohexane     | nd           | 3,880       | Pass      |
| Dichloromethane | nd           | 600         | Pass      |
| Ethanol         | n/a          | n/a         | n/a       |
| Ethyl Acetate   | 534          | 5,000       | Pass      |
| Heptanes        | nd           | 5,000       | Pass      |
| Hexanes         | nd           | 290         | Pass      |
| Isopropanol     | 150          | 5,000       | Pass      |
| Methanol        | nd           | 3,000       | Pass      |
| Pentanes        | nd           | 5,000       | Pass      |
| Propane         | nd           | 5,000       | Pass      |
| Toluene         | nd           | 890         | Pass      |
| Total Xylene    | nd           | 2,170       | Pass      |

Method: GC-FID HS-FET

This report was reviewed by:

Megan Stang, Laboratory Supervisor on October 20th, 2019

This report was approved by:

Dustin Newman, CSO on October 25th, 2019



Not all testing listed above is included in our A2LA Scope of Accreditation. Please consult A2LA Certificate #4803.01 for a list of accredited tests.

The abbreviations nd, n/a, e.v., and ntnc stand for not detected, not applicable, estimated value, and too numerous to count respectively.

Testing results are certified by scientific examination of a single sample, as identified by the Sample ID, provided by the Producer/Processor. The sample, as received, was homogenized before subsamples were drawn for specific analysis. Praxis Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch. The results pertain only to the sample tested and no other sample.

# Certificate of Analysis



## Blueberry Cheesecake

Client: Ok Cannabis  
 Address: n/a

License: n/a

Lab ID: P191016-10 001  
 Date Received: 10/16/2019  
 Analysis Completed: 10/19/2019

Original Global ID: WAJ414462.IND6VXG  
 Lab Global ID: NMQA  
 Sample Type: Cartridge

### Chemical Residue Screening

| Compound Name       | CAS Number        | Result (ppm)  | WA Action Level | Pass/Fail   | Compound Name                         | CAS Number     | Result (ppm)        | WA Action Level | Pass/Fail   |
|---------------------|-------------------|---------------|-----------------|-------------|---------------------------------------|----------------|---------------------|-----------------|-------------|
| Abamectin           | 71751-41-2        | nd            | 0.50            | Pass        | Imazalil                              | 35554-44-0     | nd                  | 0.20            | Pass        |
| Acephate            | 30560-19-1        | nd            | 0.40            | Pass        | Imidacloprid                          | 138261-41-3    | nd                  | 0.40            | Pass        |
| Acequinocyl         | 57960-19-7        | nd            | 2.00            | Pass        | Kresoxim-methyl                       | 143390-89-0    | nd                  | 0.40            | Pass        |
| Acetamiprid         | 135410-20-7       | nd            | 0.20            | Pass        | Malathion                             | 121-75-5       | nd                  | 0.20            | Pass        |
| Aldicarb            | 116-06-3          | nd            | 0.40            | Pass        | Metalaxyl                             | 57837-19-1     | nd                  | 0.20            | Pass        |
| Azoxystrobin        | 131860-33-8       | nd            | 0.20            | Pass        | Methiocarb                            | 2032-65-7      | nd                  | 0.20            | Pass        |
| Bifenazate          | 149877-41-8       | 0.0224        | 0.20            | Pass        | Methomyl                              | 16752-77-5     | nd                  | 0.40            | Pass        |
| Bifenthrin          | 82657-04-3        | nd            | 0.20            | Pass        | Methyl parathion                      | 298-00-0       | nd                  | 0.20            | Pass        |
| Boscalid            | 188425-85-6       | nd            | 0.40            | Pass        | MGK-264                               | 113-48-4       | nd                  | 0.20            | Pass        |
| Carbaryl            | 63-25-2           | nd            | 0.20            | Pass        | Myclobutanil                          | 88671-89-0     | nd                  | 0.20            | Pass        |
| Carbofuran          | 1563-66-2         | nd            | 0.20            | Pass        | Naled                                 | 300-76-5       | nd                  | 0.50            | Pass        |
| Chlorantraniliprole | 500008-45-7       | nd            | 0.20            | Pass        | Oxamyl                                | 23135-22-0     | nd                  | 1.00            | Pass        |
| Chlorfenapyr        | 122453-73-0       | nd            | 1.00            | Pass        | Paclobutrazol                         | 76738-62-0     | nd                  | 0.40            | Pass        |
| Chlorpyrifos        | 2921-88-2         | nd            | 0.20            | Pass        | Permethrins <sup>2</sup>              | 52645-53-1     | 0.0941 <sup>A</sup> | 0.20            | Pass        |
| Clofentezine        | 74115-24-5        | nd            | 0.20            | Pass        | Phosmet                               | 732-11-6       | nd                  | 0.20            | Pass        |
| Cyfluthrin          | 68359-37-5        | nd            | 1.00            | Pass        | <b>Piperonyl butoxide<sup>1</sup></b> | <b>51-03-6</b> | <b>5.5747*</b>      | <b>2.00</b>     | <b>Fail</b> |
| Cypermethrin        | 52315-07-8        | nd            | 1.00            | Pass        | Prallethrin                           | 23031-36-9     | nd                  | 0.20            | Pass        |
| Daminozide          | 1596-84-5         | nd            | 1.00            | Pass        | Propiconazole                         | 60207-90-1     | nd                  | 0.40            | Pass        |
| DDVP (Dichlorvos)   | 333-41-5          | nd            | 0.10            | Pass        | Propoxur                              | 114-26-1       | nd                  | 0.20            | Pass        |
| Diazinon            | 62-73-7           | nd            | 0.20            | Pass        | Pyrethrins <sup>1,3</sup>             | 8003-34-7      | 0.8335              | 1.00            | Pass        |
| Dimethoate          | 60-51-5           | nd            | 0.20            | Pass        | Pyridaben                             | 96489-71-3     | nd                  | 0.20            | Pass        |
| <b>Ethoprophos</b>  | <b>13194-48-4</b> | <b>0.4363</b> | <b>0.20</b>     | <b>Fail</b> | Spinosad                              | 168316-95-8    | nd                  | 0.20            | Pass        |
| Etofenprox          | 80844-07-1        | nd            | 0.40            | Pass        | Spiromesifen                          | 283594-90-1    | nd                  | 0.20            | Pass        |
| Etoxazole           | 153233-91-1       | nd            | 0.20            | Pass        | Spirotetramat                         | 203313-25-1    | nd                  | 0.20            | Pass        |
| Fenoxycarb          | 72490-01-8        | nd            | 0.20            | Pass        | Spiroxamine                           | 118134-30-8    | nd                  | 0.40            | Pass        |
| Fenpyroximate       | 134098-61-6       | nd            | 0.40            | Pass        | Tebuconazole                          | 80443-41-0     | nd                  | 0.40            | Pass        |
| Fipronil            | 120068-37-3       | nd            | 0.40            | Pass        | Thiacloprid                           | 111988-49-9    | nd                  | 0.20            | Pass        |
| Fonicamid           | 158062-67-0       | nd            | 1.00            | Pass        | Thiamethoxam                          | 153719-23-4    | nd                  | 0.20            | Pass        |
| Fludioxonil         | 131341-86-1       | nd            | 0.40            | Pass        | Trifloxystrobin                       | 141517-21-7    | nd                  | 0.20            | Pass        |
| Hexythiazox         | 78587-05-0        | nd            | 1.00            | Pass        |                                       |                |                     |                 |             |

Method: LC-MS/MS

Notes: <sup>1</sup> Washington State action levels apply to cannabis concentrates, cannabis extracts, intermediate products, and imported cannabinoids.

<sup>2</sup> Permethrins are measured as cumulative residue of cis- and trans-permethrin isomers (CAS numbers 54774-45-7 and 51877-74-8 respectively).

<sup>3</sup> Pyrethrins are measured as the cumulative residues of pyrethrin 1, cinerin 1, and jasmolin 1 (CAS numbers 121-21-1, 25402-06-6, and 4466-1-2 respectively).

"LLOD" = Lower Limit of Detection, the lowest amount that the method can detect.

"LLOQ" = Lower Limit of Quantification, the lowest amount that the method can quantify.

"A" = Estimated amount, greater than the LLOD, but less than the LLOQ.

"\*" = Estimated amount, greater than the Upper Limit of Quantification (ULOQ).

"nd" = Not detected or beneath the LLOD, the lowest amount that can be detected.



This report was reviewed by:

Robert Smalling, Laboratory Analyst on October 19th, 2019

This report was approved by:

Dustin Newman, CSO on October 25th, 2019

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