

# Certificate of Analysis



## Oleum - Biscotti Cookies

Client: OK Cannabis - Uncle Ike  
 Address: 2314 E. Union ST  
 Seattle, Wa 98122  
 License: n/a

Lab ID: P190913-15 023  
 Date Received: 9/13/2019  
 Analysis Completed: 9/18/2019  
 Global Lab Result ID: n/a

Original Global ID: NMQA 23  
 Lab Global ID: n/a  
 Sample Type: Vape Cart.  
 External ID: WAM415619

### Cannabinoid Concentration Analysis

|         | Result (%) |                                 | Result (%) |
|---------|------------|---------------------------------|------------|
| CBC     | n/a        | Total THC <sup>1</sup>          | n/a        |
| CBCA    | n/a        | Total CBD <sup>2</sup>          | n/a        |
| CBD     | n/a        | Total Cannabinoids <sup>3</sup> | n/a        |
| CBDa    | n/a        |                                 |            |
| CBDV    | n/a        |                                 |            |
| CBDVA   | n/a        |                                 |            |
| CBG     | n/a        |                                 |            |
| CBGA    | n/a        |                                 |            |
| CBL     | n/a        |                                 |            |
| CBN     | n/a        |                                 |            |
| CBNA    | n/a        |                                 |            |
| CBT     | n/a        |                                 |            |
| THCA    | n/a        |                                 |            |
| THCV    | n/a        |                                 |            |
| THCVA   | n/a        |                                 |            |
| Δ-8 THC | n/a        |                                 |            |
| Δ-9 THC | n/a        |                                 |            |

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.

### Contaminants

| Relative Cannabinoid (   | Result (%) |
|--------------------------|------------|
| DL- α-Tocopherol         | <0.01      |
| DL- α-Tocopherol acetate | <0.01      |

Method: HPLC

### 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    | n/a        | D-Limonene      | n/a        |
| Alpha-Humulene     | n/a        | Fenchone        | n/a        |
| Alpha-Pinene       | n/a        | Gamma-Terpinene | n/a        |
| Alpha-Terpinene    | n/a        | Geraniol        | n/a        |
| Alpha-Terpineol    | n/a        | Guaiaol         | n/a        |
| Beta-Caryophyllene | n/a        | Isopulegol      | n/a        |
| Beta-Myrcene       | n/a        | Linalool        | n/a        |
| Beta-Pinene        | n/a        | Nerolidol       | n/a        |
| Borneol            | n/a        | Ocimene         | n/a        |
| Camphene           | n/a        | P-Cymene        | n/a        |
| Citral             | n/a        | Pulegone        | n/a        |
| Citronellol        | n/a        | Terpinolene     | n/a        |
| Delta-3-Carene     | n/a        | 2-Piperidinone  | n/a        |
| Dihydrocarveol     | n/a        | Total Terpenes: | n/a        |

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         | n/a          | 5,000       | n/a       |
| Benzene         | n/a          | 2           | n/a       |
| Butanes         | n/a          | 5,000       | n/a       |
| Chloroform      | n/a          | 2           | n/a       |
| Cyclohexane     | n/a          | 3,880       | n/a       |
| Dichloromethane | n/a          | 600         | n/a       |
| Ethanol         | n/a          | n/a         | n/a       |
| Ethyl Acetate   | n/a          | 5,000       | n/a       |
| Heptanes        | n/a          | 5,000       | n/a       |
| Hexanes         | n/a          | 290         | n/a       |
| Isopropanol     | n/a          | 5,000       | n/a       |
| Methanol        | n/a          | 3,000       | n/a       |
| Pentanes        | n/a          | 5,000       | n/a       |
| Propane         | n/a          | 5,000       | n/a       |
| Toluene         | n/a          | 890         | n/a       |
| Total Xylene    | n/a          | 2,170       | n/a       |

Method: GC-FID HS-FET

This report was reviewed by:

Victoria Johnson, Laboratory Analyst on September 18th, 2019

This report was approved by:

Dustin Newman, CSO on September 18th, 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 tntc 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.