

Cheesecake xog

 Sample ID: BIA240815S0009
 Strain: Cheesecake x og

 Produced:
 Collected:
 Received: 08/16/2024
 Completed: 08/22/2024
 Batch#:

 Client
Blondie's Bud company
 Lic. # CLTV0359
 232 Neshobe Cir
 Brandon, VT 05733

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 21.4 g
 Lot#:


Summary

| Test | Date Tested | Result |
|----------------|-------------|---------------------|
| Sample | | Complete |
| Cannabinoids | 08/16/2024 | Complete |
| Moisture | 08/16/2024 | 7.60% - Complete |
| Water Activity | 08/16/2024 | 0.306 aw - Complete |
| Microbials | 08/22/2024 | Complete |
| Pesticides | 08/19/2024 | Complete |

Cannabinoids

Completed

| | | |
|----------------------------|---------------------------|-------------------------------------|
| 17.85% Total THC | 0.05% Total CBD | 21.43% Total Cannabinoids |
|----------------------------|---------------------------|-------------------------------------|

| Analyte | LOQ | Results | Results | Mass |
|------------------|--------|--------------|---------------|-------------|
| | mg/g | % | mg/g | mg/serving |
| CBDVa | 0.0005 | <LOQ | <LOQ | |
| CBDV | 0.0012 | <LOQ | <LOQ | |
| CBDa | 0.0008 | 0.06 | 0.6 | |
| CBGa | 0.0008 | 1.01 | 10.1 | |
| CBG | 0.0019 | 0.08 | 0.8 | |
| CBD | 0.0019 | <LOQ | <LOQ | |
| THCV | 0.0021 | <LOQ | <LOQ | |
| CBN | 0.0013 | <LOQ | <LOQ | |
| Δ9-THC | 0.0020 | 0.46 | 4.6 | |
| Δ8-THC | 0.0019 | <LOQ | <LOQ | |
| Δ10-THC | 0.0002 | <LOQ | <LOQ | |
| CBC | 0.0024 | <LOQ | <LOQ | |
| THCa | 0.0034 | 19.83 | 198.3 | |
| Total THC | | 17.85 | 178.49 | |
| Total CBD | | 0.05 | 0.53 | |
| Total | | 21.43 | 214.34 | 0.00 |

Analyst: 052

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.




 Luke Emerson-Mason
 Laboratory Director
 08/22/2024

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Pesticides

Completed

| Category 1 Pesticides | LOQ | Results |
|-----------------------|--------|---------|
| | PPM | PPM |
| Chlorpyrifos | 0.0010 | <LOQ |
| Imazalil | 0.0010 | <LOQ |
| Category 2 Pesticides | LOQ | Results |
| | PPM | PPM |
| Abamectin | 0.0100 | <LOQ |
| Acephate | 0.0010 | <LOQ |
| Acequinocyl | 0.0010 | <LOQ |
| Azoxystrobin | 0.0010 | <LOQ |
| Bifenazate | 0.0010 | <LOQ |
| Bifenthrin | 0.0010 | <LOQ |
| Carbaryl | 0.0010 | <LOQ |
| Cypermethrin | 0.0100 | <LOQ |
| Etoazole | 0.0010 | <LOQ |
| Imidacloprid | 0.0010 | <LOQ |
| Myclobutanil | 0.0010 | <LOQ |
| Spinosyn A | 0.0010 | <LOQ |
| Spinosyn D | 0.0010 | <LOQ |

Analyst: 056

Pesticides Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).

ppm = parts per million

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.




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Pathogens

Completed

| Pathogens | LOD | Results |
|---------------------|-------|--------------|
| | CFU/g | CFU/g |
| Aspergillus | 5 | Not Detected |
| Shiga Toxin E. Coli | 5 | Not Detected |
| Salmonella SPP | 5 | Not Detected |

Analyst: 018

Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes




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