

Banana Cream Gelato

Sample ID: BIA241021S0008
Strain: Banana Cream Gelato

Produced:
Collected:
Received: 10/22/2024
Completed: 10/31/2024
Batch#: HL-CLTV0014-124-151

Client
Family Tree Hemp Company

Matrix: Plant
Type: Flower - Cured
Sample Size: 15.78 g
Lot#:



Summary

| Test | Date Tested | Result |
|----------------|-------------|---------------------|
| Sample | | Complete |
| Cannabinoids | 10/24/2024 | Complete |
| Moisture | 10/22/2024 | 11.20% - Complete |
| Water Activity | 10/22/2024 | 0.562 aw - Complete |
| Terpenes | 10/24/2024 | Complete |

Cannabinoids

Completed

| | | |
|----------------------------|---------------------------|-------------------------------------|
| 25.62% Total THC | 0.07% Total CBD | 31.64% 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 | 0.08 | 0.8 | |
| CBGa | 0.0008 | 2.26 | 22.6 | |
| CBG | 0.0019 | 0.13 | 1.3 | |
| CBD | 0.0019 | <LOQ | <LOQ | |
| THCV | 0.0021 | <LOQ | <LOQ | |
| CBN | 0.0013 | <LOQ | <LOQ | |
| Δ9-THC | 0.0020 | 0.25 | 2.5 | |
| Δ8-THC | 0.0019 | <LOQ | <LOQ | |
| Δ10-THC | 0.0002 | <LOQ | <LOQ | |
| CBC | 0.0024 | <LOQ | <LOQ | |
| THCa | 0.0034 | 28.93 | 289.3 | |
| Total THC | | 25.62 | 256.19 | |
| Total CBD | | 0.07 | 0.69 | |
| Total | | 31.64 | 316.41 | 0.00 |

Analyst: 056

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:

Total THC = (THCA x 0.877) + Δ9-THC

Total CBD = (CBDA x 0.877) + 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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




Luke Emerson-Mason
Laboratory Director
10/31/2024

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Terpenes

Completed

| Analyte | LOQ | Results | Results |
|---------------------|-------|---------------|--------------|
| | mg/g | mg/g | % |
| Limonene | 0.010 | 6.744 | 0.674 |
| Ocimene | 0.010 | 4.557 | 0.456 |
| β-Caryophyllene | 0.010 | 3.469 | 0.347 |
| β-Myrcene | 0.010 | 3.400 | 0.340 |
| Linalool | 0.010 | 2.193 | 0.219 |
| β-Pinene | 0.010 | 1.286 | 0.129 |
| α-Humulene | 0.010 | 1.157 | 0.116 |
| α-Pinene | 0.010 | 0.798 | 0.080 |
| Terpinolene | 0.010 | 0.173 | 0.017 |
| Camphene | 0.010 | 0.144 | 0.014 |
| γ-Terpinene | 0.010 | 0.011 | 0.001 |
| 3-Carene | 0.010 | <LOQ | <LOQ |
| α-Bisabolol | 0.010 | <LOQ | <LOQ |
| α-Terpinene | 0.010 | <LOQ | <LOQ |
| Caryophyllene Oxide | 0.010 | <LOQ | <LOQ |
| cis-Nerolidol | 0.010 | <LOQ | <LOQ |
| Eucalyptol | 0.010 | <LOQ | <LOQ |
| Geraniol | 0.010 | <LOQ | <LOQ |
| Guaiol | 0.010 | <LOQ | <LOQ |
| Isopulegol | 0.010 | <LOQ | <LOQ |
| p-Cymene | 0.010 | <LOQ | <LOQ |
| trans-Nerolidol | 0.010 | <LOQ | <LOQ |
| Total | | 23.932 | 2.393 |

Primary Aromas



Analyst: 048

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

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: < LOQs for all analytes

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

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