

Mac & Cheese

 Sample ID: BIA240111S0005
 Strain: 0067-035TD361-005M&C

 Produced:
 Collected:
 Received:
 Completed: 01/15/2024
 Batch#: C240104AQ

 Client
Satori
 Lic. # CLTV0067
 1741 US 7
 Middlebury, VT 05753

 Matrix: Plant
 Type: Flower - Cured
 Sample Size:
 Lot#: 0067-035TD361-005M&C


Summary

Test	Date Tested	Result
Sample		Pass
Cannabinoids	01/09/2024	Pass
Moisture	01/05/2024	15.9% - Complete
Water Activity	01/05/2024	0.56430 aw - Pass
Terpenes	01/09/2024	Complete
Microbials	01/11/2024	Pass

Cannabinoids

Pass

28.13% Total THC	0.12% Total CBD	33.68% Total Cannabinoids
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Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBDVa	0.0005	<LOQ	<LOQ	
CBDV	0.0012	<LOQ	<LOQ	
CBDa	0.0008	0.14	1.4	
CBGa	0.0008	1.47	14.7	
CBG	0.0019	0.12	1.2	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.87	8.7	
Δ8-THC	0.0019	<LOQ	<LOQ	
THCa	0.0034	31.08	310.8	
CBC	0.0024	<LOQ	<LOQ	
Total THC		28.13	281.26	
Total CBD		0.12	1.20	
Total		33.68	336.78	0.00

Analyst: 011

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
 01/15/2024

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 (866) 506-5866
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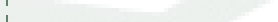
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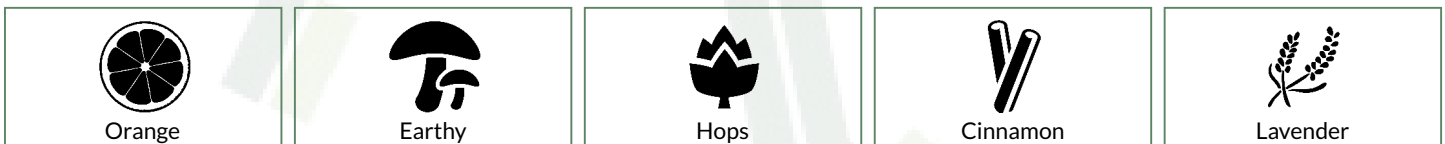
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Terpenes

Completed

Analyte	LOQ	Results	Results	
	mg/g	mg/g	%	
Limonene	0.010	9.4	0.94	
Ocimene	0.010	7.8	0.78	
β-Myrcene	0.010	6.2	0.62	
β-Caryophyllene	0.010	3.2	0.32	
Linalool	0.010	3.0	0.30	
β-Pinene	0.010	2.8	0.28	
3-Carene	0.010	1.9	0.19	
α-Pinene	0.010	1.3	0.13	
α-Humulene	0.010	1.2	0.12	
α-Terpinene	0.010	0.8	0.08	
γ-Terpinene	0.010	0.6	0.06	
Geraniol	0.010	0.2	0.02	
α-Bisabolol	0.010	0.2	0.02	
Eucalyptol	0.010	0.2	0.02	
Camphene	0.010	0.1	0.01	
Caryophyllene Oxide	0.010	0.1	0.01	
cis-Nerolidol	0.010	<LOQ	<LOQ	
Guaiol	0.010	<LOQ	<LOQ	
Isopulegol	0.010	<LOQ	<LOQ	
p-Cymene	0.010	<LOQ	<LOQ	
Terpinolene	0.010	<LOQ	<LOQ	
trans-Nerolidol	0.010	<LOQ	<LOQ	
Total		39.0	3.90	

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.

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




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 Laboratory Director
 01/15/2024

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Pathogens

Pass

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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