

# MANU0012-064

**Sample ID:** BIA251203S0111  
**Strain:** Iced Banana  
**Harvest Lot:**  
**Matrix:** Concentrates & Extracts  
**Type:** Full Extract Cannabis Oil  
**Sample Size:** 1 units  
**Lot#:**

**Produced:**  
**Collected:**  
**Received:** 12/03/2025  
**Completed:** 12/12/2025  
**Batch#:**

**Client:**  
**Tilia Processing**  
**Lic. #** MANU0012  
**85 Industrial Park Rd**  
**Hardwick, VT 05843**



## Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	12/12/2025	Complete
Terpenes	12/03/2025	Complete

## Cannabinoids

Completed

85.07% Total THC						ND Total CBD						88.31% Total Cannabinoids						
Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass	
	%	%	mg/g	mg/mL	mg/container		%	%	mg/g	mg/mL	mg/container		%	%	mg/g	mg/mL	mg/container	
CBDVa	0.0000	<LOQ	<LOQ			CBCVa	0.0000	<LOQ	<LOQ			Δ9-THC	0.0001	85.07	850.7			
CBDV	0.0000	<LOQ	<LOQ			CBNa	0.0000	<LOQ	<LOQ			Δ8-THC	0.0000	<LOQ	<LOQ			
CBDa	0.0001	<LOQ	<LOQ			Δ9-THC	0.0001	85.07	850.7			Δ10-THC*	0.0000	<LOQ	<LOQ			
CBGa	0.0001	<LOQ	<LOQ			CBL	0.0001	<LOQ	<LOQ			CBL	0.0001	<LOQ	<LOQ			
CBG	0.0001	0.91	9.1			CBC	0.0000	0.76	7.6			THCa	0.0001	<LOQ	<LOQ			
CBD	0.0001	<LOQ	<LOQ			THCa	0.0001	<LOQ	<LOQ			CBCa	0.0001	<LOQ	<LOQ			
THCV	0.0000	0.23	2.3			CBCa	0.0001	<LOQ	<LOQ			CBLa	0.0001	<LOQ	<LOQ			
CBLV	0.0000	<LOQ	<LOQ			<b>Total THC</b>		<b>85.07</b>	<b>850.68</b>			<b>Total CBD</b>		<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>	
CBCV	0.0000	<LOQ	<LOQ			<b>Total</b>		<b>88.31</b>	<b>883.09</b>	<b>0.00</b>	<b>0.00</b>							
THCVa	0.0000	<LOQ	<LOQ															
CBN	0.0001	1.34	13.4															

Analyst: 048

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: &lt; 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 (&lt;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.

\*The result is the sum of delta-10 isomers.




 Luke Emerson-Mason  
 Laboratory Director  
 12/12/2025

 Confident LIMS  
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### Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Ocimene	0.010	6.677	0.668
Limonene	0.010	6.135	0.614
β-Myrcene	0.010	4.977	0.498
α-Pinene	0.010	3.047	0.305
β-Pinene	0.010	2.743	0.274
β-Caryophyllene	0.010	1.634	0.163
Linalool	0.010	1.472	0.147
Terpinolene	0.010	0.449	0.045
α-Humulene	0.010	0.448	0.045
Camphene	0.010	0.129	0.013
γ-Terpinene	0.010	0.080	0.008
α-Terpinene	0.010	0.025	0.002
Eucalyptol	0.010	0.025	0.002
3-Carene	0.010	<LOQ	<LOQ
α-Bisabolol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	<LOQ	<LOQ
cis-Nerolidol	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
<b>Total</b>		<b>27.840</b>	<b>2.784</b>

### Primary Aromas



Analyst: 052

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

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

Reagent Blanks: &lt; LOQs for all analytes

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

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




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 12/12/2025

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