

## Cold Case

**Sample ID: BIA260306S0103**  
 Strain: 0124-09  
 Harvest Lot: 09  
 Matrix: Plant  
 Type: Flower - Cured  
 Sample Size: 4.28 g  
 Lot#:

Produced:  
 Collected:  
 Received: 03/06/2026  
 Completed: 03/13/2026  
 Batch#:

Client  
**Sugarleaf**  
 Lic. # SCLT0124  
 PO BOX 165  
 Westford, VT 05494



## Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	03/10/2026	Complete
Moisture	03/06/2026	9.00% - Complete
Water Activity	03/06/2026	0.428 aw - Complete
Terpenes	03/06/2026	Complete

## Cannabinoids

Completed

19.36%			0.09%			23.14%			
Total THC			Total CBD			Total Cannabinoids			
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving
CBDVa	0.0003	<LOQ	<LOQ		CBCVa	0.0003	<LOQ	<LOQ	
CBDV	0.0003	<LOQ	<LOQ		CBNa	0.0003	0.04	0.4	
CBDa	0.0005	0.10	1.0		Δ9-THC	0.0005	1.15	11.5	
CBGa	0.0005	0.42	4.2		Δ8-THC	0.0003	<LOQ	<LOQ	
CBG	0.0005	0.11	1.1		Δ10-THC*	0.0002	<LOQ	<LOQ	
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ	
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ	
CBLV	0.0003	<LOQ	<LOQ		THCa	0.0005	20.75	207.5	
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.29	2.9	
THCVa	0.0003	0.26	2.6		CBLa	0.0005	<LOQ	<LOQ	
CBN	0.0005	<LOQ	<LOQ		<b>Total THC</b>		<b>19.36</b>	<b>193.55</b>	
					<b>Total CBD</b>		<b>0.09</b>	<b>0.91</b>	
					<b>Total</b>		<b>23.14</b>	<b>231.40</b>	<b>0.00</b>

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  
 03/13/2026

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**PO BOX** 165  
**Westford, VT** 05494

## Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	2.848	0.285
β-Caryophyllene	0.010	2.828	0.283
Linalool	0.010	2.615	0.262
β-Myrcene	0.010	2.200	0.220
β-Pinene	0.010	1.042	0.104
α-Humulene	0.010	1.030	0.103
α-Pinene	0.010	0.622	0.062
Camphene	0.010	0.171	0.017
Terpinolene	0.010	0.098	0.010
cis-Ocimene	0.010	0.087	0.009
Eucalyptol	0.010	0.066	0.007
Caryophyllene Oxide	0.010	0.065	0.006
trans-Ocimene	0.010	0.049	0.005
p-Cymene	0.010	0.033	0.003
α-Bisabolol	0.010	0.020	0.002
γ-Terpinene	0.010	0.019	0.002
α-Terpinene	0.010	0.013	0.001
3-Carene	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
trans-Nerolidol	0.010	<LOQ	<LOQ
<b>Total</b>		<b>13.805</b>	<b>1.381</b>

## Primary Aromas



Analyst: 063

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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 Laboratory Director  
 03/13/2026

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