

## Melao Sativa Hybrid

 Sample ID: BIA250709S0051  
 Strain: Melao

 Produced:  
 Collected:  
 Received: 07/10/2025  
 Completed: 07/17/2025  
 Batch#:

 Client  
**Shindig & G's Craft Cannabis LLC**  
 Lic. # CLTV0261  
 86 Chase Dr  
 Irasburg, VT 05845

 Matrix: Plant  
 Type: Flower - Cured  
 Sample Size: 5.01 g  
 Lot#:


### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	07/11/2025	Complete
Moisture	07/10/2025	10.50% - Complete
Water Activity	07/10/2025	0.522 aw - Complete
Terpenes	07/11/2025	Complete
Microbials	07/17/2025	Complete

### Cannabinoids

Completed

23.40%			0.09%			27.77%			
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	0.05	0.5	
CBDa	0.0005	0.10	1.0		Δ9-THC	0.0005	0.38	3.8	
CBGa	0.0005	0.43	4.3		Δ8-THC	0.0003	<LOQ	<LOQ	
CBG	0.0005	<LOQ	<LOQ		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	0.15	1.5		THCa	0.0005	26.25	262.5	
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.28	2.8	
THCVa	0.0003	0.13	1.3		CBLa	0.0005	<LOQ	<LOQ	
CBN	0.0005	<LOQ	<LOQ		<b>Total THC</b>		<b>23.40</b>	<b>234.03</b>	
					<b>Total CBD</b>		<b>0.09</b>	<b>0.89</b>	
					<b>Total</b>		<b>27.77</b>	<b>277.70</b>	<b>0.00</b>

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:

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

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

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  
 07/17/2025

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### Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	8.574	0.857
Ocimene	0.010	6.246	0.625
β-Myrcene	0.010	4.333	0.433
β-Caryophyllene	0.010	2.465	0.246
Linalool	0.010	1.851	0.185
β-Pinene	0.010	1.535	0.153
α-Humulene	0.010	1.114	0.111
α-Pinene	0.010	0.834	0.083
Terpinolene	0.010	0.184	0.018
Camphene	0.010	0.124	0.012
Guaiol	0.010	0.056	0.006
Eucalyptol	0.010	0.025	0.002
γ-Terpinene	0.010	0.016	0.002
α-Terpinene	0.010	0.010	0.001
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
Isopulegol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
<b>Total</b>		<b>27.366</b>	<b>2.737</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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### 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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**MS, BI, SC, DS, PIS**

Sample ID: BIA250710S0013  
Strain: CLTV0261-

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

Produced:  
Collected:  
Received: 07/10/2025  
Completed: 07/17/2025  
Batch#:

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Lic. # CLTV0261  
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**Summary**

Test	Date Tested	Result
Sample		Complete
Moisture	07/10/2025	Not Tested
Pesticides	07/15/2025	Complete




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**Pesticides**

Completed

Category 1 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Chlorpyrifos	0.0003	0.0010	ND
Imazalil	0.0003	0.0010	ND
Category 2 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Abamectin	0.0003	0.0010	ND
Acephate	0.001	0.0050	ND
Acequinocyl	0.0003	0.0010	ND
Azoxystrobin	0.00005	0.0010	ND
Bifenazate	0.0001	0.0010	ND
Bifenthrin	0.0001	0.0010	ND
Carbaryl	0.0001	0.0010	ND
Cypermethrin	0.001	0.0050	ND
Etoazole	0.0001	0.0010	ND
Imidacloprid	0.00005	0.0010	ND
Myclobutanil	0.0001	0.0010	ND
Pyrethrins	0.001	0.0050	ND
Spinosyn A	0.0001	0.0010	ND
Spinosyn D	0.0003	0.0010	ND

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 quantify. Any pesticides or mycotoxins that were not quantifiable are less than the stated LOQ (&lt;LOQ).

ppm = parts per million

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

ND = Not Detected (&lt;LOD)




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