

Sour Kush Flower

Sample ID: BIA260204S0042
Strain: CLTV0367-012-2
Harvest Lot:
Matrix: Plant
Type: Flower - Cured
Sample Size: 4.85 g
Lot#:

Produced:
Collected:
Received: 02/04/2026
Completed: 02/16/2026
Batch#:

Client:
Magic Mann
Lic. # CLTV0367
 21 Essex Way
 Essex, VT 05452



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	02/06/2026	Complete
Moisture	02/04/2026	9.90% - Complete
Water Activity	02/04/2026	0.484 aw - Complete
Terpenes	02/05/2026	Complete
Microbials	02/12/2026	Complete

Cannabinoids

Completed

27.88%					0.11%					33.20%				
Total THC					Total CBD					Total Cannabinoids				
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving		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	<LOQ	<LOQ						
CBDa	0.0005	0.12	1.2		Δ9-THC	0.0005	0.46	4.6						
CBGa	0.0005	0.50	5.0		Δ8-THC	0.0003	<LOQ	<LOQ						
CBG	0.0005	0.16	1.6		Δ10-THC*	0.0002	0.10	1.0						
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	31.26	312.6						
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.39	3.9						
THCVa	0.0003	0.20	2.0		CBLa	0.0005	<LOQ	<LOQ						
CBN	0.0005	<LOQ	<LOQ		Total THC		27.88	278.76						
					Total CBD		0.11	1.09						
					Total		33.20	331.98	0.00					

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: < 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.

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




Luke Emerson-Mason
 Laboratory Director
 02/16/2026

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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	3.917	0.392
β-Myrcene	0.010	3.797	0.380
Ocimene	0.010	2.894	0.289
Linalool	0.010	2.772	0.277
β-Caryophyllene	0.010	2.745	0.274
β-Pinene	0.010	1.958	0.196
α-Pinene	0.010	1.279	0.128
α-Humulene	0.010	1.096	0.110
Terpinolene	0.010	0.249	0.025
Camphene	0.010	0.150	0.015
Guaiol	0.010	0.104	0.010
γ-Terpinene	0.010	0.026	0.003
Caryophyllene Oxide	0.010	0.022	0.002
α-Terpinene	0.010	0.018	0.002
3-Carene	0.010	0.013	0.001
α-Bisabolol	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Eucalyptol	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
Total		21.040	2.104

Primary Aromas

 Orange	 Hops	 Earthy	 Lavender	 Cinnamon
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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 (<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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 02/16/2026

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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: 048

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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02/16/2026

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SOUR,MACK,PURP,PUNK

Sample ID: BIA260204S0045
Strain: CLTV0367-012-2
Harvest Lot:
Matrix: Plant
Type: Flower - Cured
Sample Size:
Lot#:

Produced:
Collected:
Received: 02/04/2026
Completed: 02/16/2026
Batch#:

Client
Magic Mann
Lic. # CLTV0367
21 Essex Way
Essex, VT 05452



Summary

Test
Sample
Pesticides

Date Tested

02/09/2026

Result
Complete
Complete



Luke Emerson-Mason
Laboratory Director
02/16/2026

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SOUR,MACK,PURP,PUNK

Sample ID: BIA260204S0045
Strain: CLTV0367-012-2
Harvest Lot:
Matrix: Plant
Type: Flower - Cured
Sample Size:
Lot#:

Produced:
Collected:
Received: 02/04/2026
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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
Etoxazole	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: 062

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 (<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 (<LOD)



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