

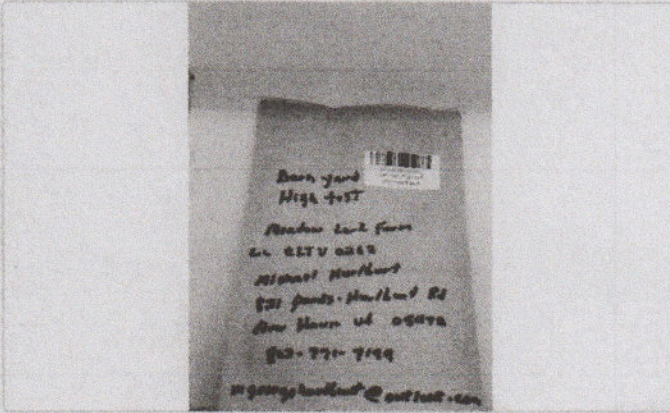
**barn yard high test**

Sample ID: BIA24092350011  
Strain: cltv0262-2024

Produced:  
Collected:  
Received: 09/23/2024  
Completed: 09/26/2024  
Batch#:

Client:  
**meadowlark farm**  
Lic. # cltv0262  
821 Parks Hurlburt Rd.  
New Haven, VT 05472

Matrix: Plant  
Type: Flower - Cured  
Sample Size: 12.27 g  
Lot#:



**Summary**

Test	Date Tested	Result
Sample		Complete
Cannabinoids	09/25/2024	Complete
Moisture	09/23/2024	15.90% - Complete
Water Activity	09/23/2024	0.731 aw - Complete

**Cannabinoids**

Completed

<b>20.84%</b> Total THC	<b>0.06%</b> Total CBD	<b>26.40%</b> 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	0.07	0.7	
CBGa	0.0008	2.40	24.0	
CBG	0.0019	0.23	2.3	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.42	4.2	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	<LOQ	<LOQ	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	23.29	232.9	
<b>Total THC</b>		<b>20.84</b>	<b>208.44</b>	
<b>Total CBD</b>		<b>0.06</b>	<b>0.61</b>	
<b>Total</b>		<b>26.40</b>	<b>264.05</b>	<b>0.00</b>

Analyst: 052  
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:

Total THC = (THCa x 0.877) + Δ9-THC  
Total CBD = (CBDA x 0.877) + 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 E-M*

Luke Emerson-Mason  
Laboratory Director  
09/26/2024

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(866) 506-5866  
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### barn yard high test

Sample ID: BIA24090650005  
Strain: dtv0262-2024

Produced:  
Collected:  
Received: 09/06/2024  
Completed: 09/12/2024  
Batch#:

Client:  
meadowlark farm  
Lic. # dtvo262  
821 Parks Hurlburt Rd.  
New Haven, VT 05472

Matrix: Plant  
Type: Flower - Cured  
Sample Size: 19.98 g  
Lot#:

### Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
β-Myrcene	0.010	12.142	1.214
Terpinolene	0.010	11.208	1.121
β-Caryophyllene	0.010	6.904	0.690
α-Pinene	0.010	6.276	0.628
β-Pinene	0.010	2.666	0.267
α-Humulene	0.010	2.462	0.246
3-Carene	0.010	1.486	0.149
Ocimene	0.010	1.457	0.146
Limonene	0.010	1.417	0.142
Linalool	0.010	1.076	0.108
α-Terpinene	0.010	0.593	0.059
γ-Terpinene	0.010	0.463	0.046
Guaiol	0.010	0.356	0.036
Eucalyptol	0.010	0.275	0.027
α-Bisabolol	0.010	0.109	0.011
Camphene	0.010	0.052	0.005
Caryophyllene Oxide	0.010	0.044	0.004
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>48.986</b>	<b>4.899</b>

### Primary Aromas

 Hops	 Turpentine	 Cinnamon	 Pine	 Eucalyptus
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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  
09/12/2024

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**fuc,fg,bht,hog,gs**

Sample ID: BIA24090650006  
Strain: dtv0262-2024

Matrix: Plant  
Type: Flower - Cured  
Sample Size: 74.74 g  
Lot#:

Produced:  
Collected:  
Received: 09/06/2024  
Completed: 09/12/2024  
Batch#:

Client  
**meadowlark farm**  
Lic. # cltvo262  
821 Parks Hurlburt Rd.  
New Haven, VT 05472

**Pesticides**

Completed

<u>Category 1 Pesticides</u>	<u>LOQ</u>	<u>Results</u>
	PPM	PPM
Chlorpyrifos	0.0010	<LOQ
Imazalil	0.0010	<LOQ
<u>Category 2 Pesticides</u>	<u>LOQ</u>	<u>Results</u>
	PPM	PPM
Abamectin	0.0100	<LOQ
Acephate	0.0010	<LOQ
Acequinocyl	0.0010	<LOQ
Azoxystrobin	0.0010	<LOQ
Bifenazate	0.0010	<LOQ
Bifenthrin	0.0010	<LOQ
Carbaryl	0.0010	<LOQ
Cypermethrin	0.0100	<LOQ
Etoxazole	0.0010	<LOQ
Imidacloprid	0.0010	<LOQ
Myclobutanil	0.0010	<LOQ
Spinosyn A	0.0010	<LOQ
Spinosyn D	0.0010	<LOQ

Analyst: 048

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 detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).

ppm = parts per million

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



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09/12/2024

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**barn yard high test**

Sample ID: BIA240906S0005  
Strain: cltv0262-2024

Produced:  
Collected:  
Received: 09/06/2024  
Completed: 09/12/2024  
Batch#:

Client:  
**meadowlark farm**  
Lic. # cltvo262  
821 Parks Hurlburt Rd.  
New Haven, VT 05472

Matrix: Plant  
Type: Flower - Cured  
Sample Size: 19.98 g  
Lot#:

**Pathogens**

**Completed**

Pathogens	LOD CFU/g	Results CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

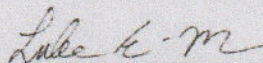
Analyst: 018

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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09/12/2024

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