

## Bacio

 Sample ID: BIA241122S0009  
 Strain: CLTV0081-15-2-048

 Produced:  
 Collected:  
 Received: 11/22/2024  
 Completed: 11/27/2024  
 Batch#:

 Client  
**Vermont Select LLC**  
 Lic. # CLTV0081 & MANU0042  
 PO Box 532  
 South Hero, VT 05486

 Matrix: Plant  
 Type: Flower - Cured  
 Sample Size: 2.29 g  
 Lot#:


## Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	11/25/2024	Complete
Moisture	11/25/2024	10.80% - Complete
Water Activity	11/26/2024	Not Tested

## Cannabinoids

Completed

<b>21.43%</b> Total THC	<b>0.06%</b> Total CBD	<b>25.57%</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	0.06	0.6	
CBGa	0.0008	1.02	10.2	
CBG	0.0019	0.08	0.8	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.23	2.3	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	<LOQ	<LOQ	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	24.17	241.7	
<b>Total THC</b>		<b>21.43</b>	<b>214.29</b>	
<b>Total CBD</b>		<b>0.06</b>	<b>0.55</b>	
<b>Total</b>		<b>25.57</b>	<b>255.67</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.




 Luke Emerson-Mason  
 Laboratory Director  
 11/27/2024

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 (866) 506-5866  
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## HL-15 PM/B/UB40

 Sample ID: BIA241122S0008  
 Strain: CLTV0081-15

 Produced:  
 Collected:  
 Received: 11/22/2024  
 Completed: 11/27/2024  
 Batch#:

 Client  
**Vermont Select LLC**  
 Lic. # CLTV0081 & MANU0042  
 PO Box 532  
 South Hero, VT 05486

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

### Pesticides

Completed

Category 1 Pesticides	LOQ	Results
	PPM	PPM
Chlorpyrifos	0.0010	<LOQ
Imazalil	0.0010	<LOQ
Category 2 Pesticides	LOQ	Results
	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
Pyrethrins	0.0020	<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 (&lt;LOQ).

ppm = parts per million

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




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 Laboratory Director  
 11/27/2024

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[www.confidentlims.com](http://www.confidentlims.com)


## Bacio

Sample ID: BIA241122S0011  
Strain: CLTV0081-15-2-048

Produced:  
Collected:  
Received: 11/22/2024  
Completed: 11/27/2024  
Batch#:

Client  
**Vermont Select LLC**  
Lic. # CLTV0081 & MANU0042  
PO Box 532  
South Hero, VT 05486

Matrix: Plant  
Type: Flower - Cured  
Sample Size: 3.28 g  
Lot#:



## Summary

Test	Date Tested	Result
Sample Water Activity	11/25/2024	Complete 0.536 aw - Complete

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




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Laboratory Director  
11/27/2024

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## Bacio

Sample ID: BIA241122S0010  
Strain: CLTV0081-15-2-048

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

Produced:  
Collected:  
Received: 11/22/2024  
Completed: 11/27/2024  
Batch#:

Client  
**Vermont Select LLC**  
Lic. # CLTV0081 & MANU0042  
PO Box 532  
South Hero, VT 05486

## 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: 049

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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Laboratory Director  
11/27/2024

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