

Papa Smurf

 Sample ID: BIA25100250057
 Strain: CLTV0064-25-001

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 4.62g
 Lot#:

 Produced:
 Collected:
 Received: 10/02/2025
 Completed: 10/08/2025
 Batch#:

 Client:
Lukas Greene
 Lic. # CLTV0064
 10 Main Street Unit 958
 Middlebury, VT 05753


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	10/06/2025	Complete
Moisture	10/03/2025	8.00% - Complete
Water Activity	10/03/2025	0.343 aw - Complete
Microbials	10/08/2025	Complete

Cannabinoids

Completed

17.27% Total THC					ND Total CBD					20.93% 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	<LOQ	<LOQ		Δ9-THC	0.0005	0.08	0.8						
CBGa	0.0005	0.81	8.1		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	0.17	1.7		THCa	0.0005	19.60	196.0						
CBV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.17	1.7						
THCVa	0.0003	0.10	1.0		CBLa	0.0005	<LOQ	<LOQ						
CBN	0.0005	<LOQ	<LOQ		Total THC		17.27	172.69						
					Total CBD		ND	ND	ND					
					Total		20.93	209.33	0.00					

Analyst: 056

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with PhotoDiode 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
 10/08/2025

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Pathogens

Completed

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus	5	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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Papa Smurf

Sample ID: BIA251013S0336
Strain: 0064-25-001

Matrix: Plant
Type: Flower - Cured
Sample Size: 2.12 g
Lot#:

Produced:
Collected:
Received: 10/13/2025
Completed: 10/20/2025
Batch#:

Client
Lukas Greene
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10 Main Street Unit 958
Middlebury, VT 05753



Summary

Test	Date Tested	Result
Sample		Complete
Microbials	10/17/2025	Complete



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Laboratory Director
10/20/2025

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Papa Smurf

 Sample ID: BIA251013S0336
 Strain: 0064-25-001

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 2.12 g
 Lot#:

 Produced:
 Collected:
 Received: 10/13/2025
 Completed: 10/20/2025
 Batch#:

 Client
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Pathogens

Completed

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

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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Papa Smurf

Sample ID: BIA251013S0337
Strain: 0064-25-001

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

Produced:
Collected:
Received: 10/13/2025
Completed: 10/20/2025
Batch#:

Client
Lukas Greene
Lic. # CLTV0064
10 Main Street Unit 958
Middlebury, VT 05753



Summary

Test	Date Tested	Result
Sample Microbials	10/17/2025	Complete Complete



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Papa Smurf

Sample ID: BIA251013S0337
Strain: 0064-25-001

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

Produced:
Collected:
Received: 10/13/2025
Completed: 10/20/2025
Batch#:

Client
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Lic. # CLTV0064
10 Main Street Unit 958
Middlebury, VT 05753

Pathogens

Completed

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

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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10/20/2025

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TF, DL, IS, PS, BJ

Sample ID: BIA251002S0062
 Strain: CLTV0064-25-001

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

Produced:
 Collected:
 Received: 10/02/2025
 Completed: 10/08/2025
 Batch#:

Client
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 Lic. # CLTV0064
 10 Main Street Unit 958
 Middlebury, VT 05753



Summary

Test	Date Tested	Result
Sample		Complete
Moisture	10/03/2025	Not Tested
Pesticides	10/07/2025	Complete




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TF, DL, IS, PS, BJ

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

 Produced:
 Collected:
 Received: 10/02/2025
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 Batch#:

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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: 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 (<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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