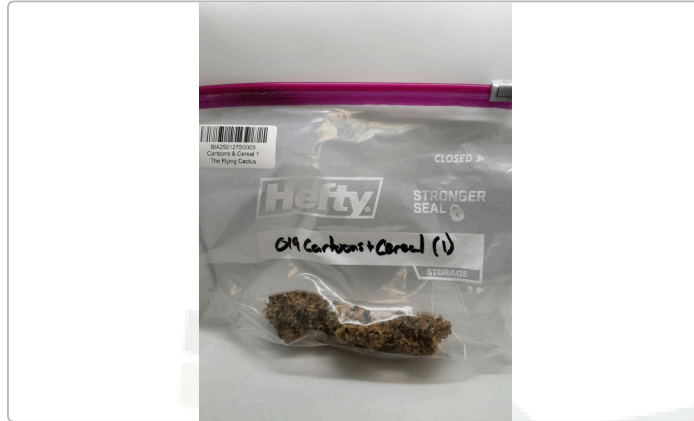


## Cartoons & Cereal 1

 Sample ID: BIA250127S0009  
 Strain: 019

 Produced:  
 Collected:  
 Received: 01/27/2025  
 Completed: 01/30/2025  
 Batch#:

 Client  
**The Flying Cactus**  
 Lic. #  
 963 South Main Street  
 Fair Haven, VT 05743

 Matrix: Plant  
 Type: Flower - Cured  
 Sample Size: 8.04 g  
 Lot#:


### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	01/29/2025	Complete
Moisture	01/27/2025	13.60% - Complete
Water Activity	01/27/2025	0.660 aw - Complete
Microbials	01/30/2025	Complete

### Cannabinoids

Completed

<b>25.14%</b> Total THC	<b>0.09%</b> Total CBD	<b>31.34%</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	0.10	1.0	
CBGa	0.0008	2.52	25.2	
CBG	0.0019	0.10	1.0	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.29	2.9	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	<LOQ	<LOQ	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	28.33	283.3	
<b>Total THC</b>		<b>25.14</b>	<b>251.35</b>	
<b>Total CBD</b>		<b>0.09</b>	<b>0.87</b>	
<b>Total</b>		<b>31.34</b>	<b>313.37</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:

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

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

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  
 01/30/2025

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 coa.support@confidentlims.com  
 (866) 506-5866  
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## Cartoons & Cereal 1

Sample ID: BIA250127S0009  
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Matrix: Plant  
Type: Flower - Cured  
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Client  
**The Flying Cactus**  
Lic. #  
963 South Main Street  
Fair Haven, VT 05743

## 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




Luke Emerson-Mason  
Laboratory Director  
01/30/2025

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[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
(866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)

