

018

Sample ID: BIA251212S0348
 Strain: Miracle Alien Cookies (Mac #1)
 Harvest Lot:
 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 4.22 g
 Lot#:

Produced:
 Collected:
 Received: 12/12/2025
 Completed: 12/18/2025
 Batch#:

Client
Birdman Vermont
 Lic. # sclt0056
 P.O Box 126
 Randolph, VT 05060



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	12/17/2025	Complete
Moisture	12/12/2025	10.60% - Complete
Water Activity	12/12/2025	0.525 aw - Complete
Microbials	12/17/2025	Complete

Cannabinoids

Completed

19.99%			ND			25.16%					
Total THC			Total CBD			Total Cannabinoids					
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass		
	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	0.16	1.6			
CBGa	0.0005	1.65	16.5		Δ8-THC	0.0003	0.05	0.5			
CBG	0.0005	<LOQ	<LOQ		Δ10-THC*	0.0002	0.12	1.2			
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	22.61	226.1			
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.40	4.0			
THCVa	0.0003	0.17	1.7		CBLa	0.0005	<LOQ	<LOQ			
CBN	0.0005	<LOQ	<LOQ		Total THC		19.99	199.85			
					Total CBD		ND	ND		ND	
					Total		25.16	251.57		0.00	

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: < 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
 12/18/2025

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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: 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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