

Miracle Alien Cookies

Sample ID: BIA260216S0260
Strain: Mac #1 019
Harvest Lot:
Matrix: Plant
Type: Flower - Cured
Sample Size: 2.11 g
Lot#:

Produced:
Collected:
Received: 02/16/2026
Completed: 02/26/2026
Batch#:

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



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	02/19/2026	Complete
Moisture	02/16/2026	9.60% - Complete
Water Activity	02/16/2026	0.467 aw - Complete
Microbials	02/19/2026	Complete

Cannabinoids

Completed

29.58% Total THC					0.09% Total CBD			36.16% 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	0.05	0.5			
CBDa	0.0005	0.10	1.0		Δ9-THC	0.0005	0.38	3.8			
CBGa	0.0005	1.17	11.7		Δ8-THC	0.0003	<LOQ	<LOQ			
CBG	0.0005	<LOQ	<LOQ		Δ10-THC*	0.0002	0.38	3.8			
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	33.30	333.0			
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.58	5.8			
THCVa	0.0003	0.21	2.1		CBLa	0.0005	<LOQ	<LOQ			
CBN	0.0005	<LOQ	<LOQ		Total THC		29.58	295.79			
					Total CBD		0.09	0.91			
					Total		36.16	361.59	0.00		

Analyst: 048

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
 02/26/2026

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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: 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




Luke Emerson-Mason
Laboratory Director
02/26/2026

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