Bia Diagnostics Laboratories

Bia Diagnostics
Samples received Monday - Friday 10am to 5pm
Colchester, VT 05446

(802) 540-0148
https://www.biadiagnostics.com/
Lic# TLAB0029

Sugar Rush

Sample ID: BIA250827S0015
Strain: 028-04

Matrix: Plant
Type: Flower - Cured
Sample Size: 6.2 g
Lot#:

Produced:
Collected:
Received: 08/27/2025
Completed: 09/03/2025
Batch#:

Client
Clean Cannabis
Lic. #
200 Blizzard Way
Hardwick, VT 05843

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	08/28/2025	Complete
Moisture	08/27/2025	10.30% - Complete
Water Activity	08/27/2025	0.511 aw - Complete

Cannabinoids

Completed

28.64%	0.08%	35.30%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBDVa	0.0003	<LOQ	<LOQ	
CBDV	0.0003	<LOQ	<LOQ	
CBDa	0.0005	0.09	0.9	
CBGa	0.0005	1.92	19.2	
CBG	0.0005	<LOQ	<LOQ	
CBD	0.0005	<LOQ	<LOQ	
THCV	0.0003	<LOQ	<LOQ	
CBLV	0.0003	<LOQ	<LOQ	
CBCV	0.0003	<LOQ	<LOQ	
THCVa	0.0003	0.21	2.1	
CBN	0.0005	<LOQ	<LOQ	

Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBCVa	0.0003	<LOQ	<LOQ	
CBNa	0.0003	<LOQ	<LOQ	
Δ9-THC	0.0005	0.29	2.9	
Δ8-THC	0.0003	0.05	0.5	
Δ10-THC*	0.0002	<LOQ	<LOQ	
CBL	0.0005	<LOQ	<LOQ	
CBC	0.0003	<LOQ	<LOQ	
THCa	0.0005	32.33	323.3	
CBCa	0.0006	0.40	4.0	
CBLa	0.0005	<LOQ	<LOQ	
Total THC		**28.64**	**286.43**	
Total CBD		**0.08**	**0.79**	
Total		**35.30**	**352.98**	**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:
TotalTHC=(THCAx0.877)+Δ9-THC
Total CBD = (CBDA x 0.877) + 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
09/03/2025

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Sugar Rush

Sample ID: BIA250827S0016
Strain: 028-04

Matrix: Plant
Type: Flower - Cured
Sample Size: 8.84 g
Lot#:

Produced:
Collected:
Received: 08/27/2025
Completed: 09/04/2025
Batch#:

Client
Clean Cannabis
Lic. #
200 Blizzard Way
Hardwick, VT 05843

Summary

Test	Date Tested	Result
Sample		Complete
Moisture	08/27/2025	10.60% - Complete
Water Activity	08/27/2025	0.530 aw - Complete
Terpenes	09/02/2025	Complete
Microbials	09/04/2025	Complete

Luke Emerson-Mason
Laboratory Director
09/04/2025

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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	7.892	0.789
β-Myrcene	0.010	3.973	0.397
β-Caryophyllene	0.010	3.453	0.345
Linalool	0.010	3.252	0.325
Ocimene	0.010	2.038	0.204
β-Pinene	0.010	1.953	0.195
α-Humulene	0.010	1.354	0.135
α-Pinene	0.010	1.286	0.129
Camphene	0.010	0.204	0.020
Terpinolene	0.010	0.201	0.020
Eucalyptol	0.010	0.054	0.005
γ-Terpinene	0.010	0.028	0.003
α-Bisabolol	0.010	0.020	0.002
α-Terpinene	0.010	0.018	0.002
3-Carene	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		**25.725**	**2.573**

Primary Aromas

Analyst: 048
LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).
Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS
Reagent Blanks: < LOQs for all analytes
All results reflect dry weight of material, based on % moisture of the sample.
All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

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09/04/2025

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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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Pesticide Comingle

Sample ID: BIA250827S0019
Strain: 028-01 - 028-05 (FC,OS,PD,SR,YN)

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

Produced:
Collected:
Received: 08/27/2025
Completed: 09/04/2025
Batch#:

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Summary

Test	Date Tested	Result
Sample		Complete
Moisture	08/27/2025	Not Tested
Pesticides	09/03/2025	Complete

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09/04/2025

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Pesticide Comingle

Sample ID: BIA250827S0019
Strain: 028-01 - 028-05 (FC,OS,PD,SR,YN)

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

Produced:
Collected:
Received: 08/27/2025
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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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