Bia Diagnostics Laboratories

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

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

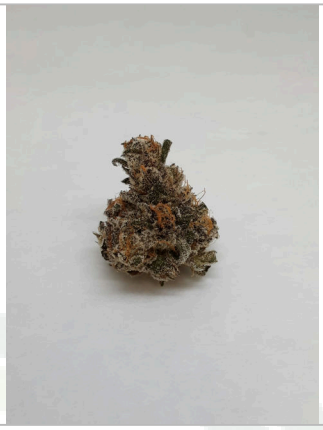
Gemz - HL3

Sample ID: BIA25062450024
Strain: Gemz

Matrix: Plant
Type: Flower - Cured
Sample Size: 10.87 g
Lot#:

Produced:
Collected:
Received: 06/26/2025
Completed: 07/07/2025
Batch#: HL-SCLT0404-3-1

Client
North Node Gardens
Lic. # SCLT0404
294 Farm Rd.
Arlington, VT 05250



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	07/01/2025	Complete
Moisture	06/30/2025	11.60% - Complete
Water Activity	06/30/2025	0.591 aw - Complete
Terpenes	07/02/2025	Complete
Microbials	07/03/2025	Complete

Cannabinoids

Completed

28.39% Total THC	0.08% Total CBD	33.61% 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	0.10	1.0	
CBGa	0.0005	0.91	9.1	
CBG	0.0005	<LOQ	<LOQ	
CBD	0.0005	<LOQ	<LOQ	
THCV	0.0003	<LOQ	<LOQ	
CBLV	0.0003	0.15	1.5	
CBCV	0.0003	<LOQ	<LOQ	
THCVa	0.0003	0.13	1.3	
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	0.30	3.0	
Δ8-THC	0.0003	<LOQ	<LOQ	
Δ10-THC*	0.0002	<LOQ	<LOQ	
CBL	0.0005	<LOQ	<LOQ	
CBC	0.0003	<LOQ	<LOQ	
THCa	0.0005	32.02	320.2	
CBCa	0.0006	<LOQ	<LOQ	
CBLa	0.0005	<LOQ	<LOQ	
Total THC		**28.39**	**283.87**	
Total CBD		**0.08**	**0.83**	
Total		**33.61**	**336.15**	**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:
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
07/07/2025

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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	9.832	0.983
β-Myrcene	0.010	4.162	0.416
Ocimene	0.010	4.005	0.401
β-Pinene	0.010	3.111	0.311
β-Caryophyllene	0.010	2.025	0.202
α-Pinene	0.010	1.716	0.172
α-Humulene	0.010	0.720	0.072
Camphene	0.010	0.300	0.030
Terpinolene	0.010	0.242	0.024
γ-Terpinene	0.010	0.026	0.003
Geraniol	0.010	0.020	0.002
α-Terpinene	0.010	0.018	0.002
Linalool	0.010	0.012	0.001
Eucalyptol	0.010	0.011	0.001
3-Carene	0.010	<LOQ	<LOQ
α-Bisabolol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	<LOQ	<LOQ
cis-Nerolidol	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		**26.199**	**2.620**

Primary Aromas

Orange | Hops | Earthy | Pine | Cinnamon

Analyst: 052
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.

Luke Emerson-Mason
Laboratory Director
07/07/2025

Gemz - HL3

Sample ID: BIA25062S0024
Strain: Gemz

Matrix: Plant
Type: Flower - Cured
Sample Size: 10.87 g
Lot#:

Produced:
Collected:
Received: 06/26/2025
Completed: 07/07/2025
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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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07/07/2025

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BZ, RR, CD, GC, GZ - Pesticides

Sample ID: BIA250624S0026
Strain: BZ, RR, CD, GC, GZ - HL3

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

Produced:
Collected:
Received: 06/26/2025
Completed: 07/07/2025
Batch#: HL-SCLT0404-3-1

Client
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Summary

Test	Date Tested	Result
Sample		Complete
Moisture	07/01/2025	Not Tested
Pesticides	07/02/2025	Complete

Luke Emerson-Mason
Laboratory Director
07/07/2025

BZ, RR, CD, GC, GZ - Pesticides

Sample ID: BIA25062450026
Strain: BZ, RR, CD, GC, GZ - HL3

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

Produced:
Collected:
Received: 06/26/2025
Completed: 07/07/2025
Batch#: HL-SCLT0404-3-1

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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: 048
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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Laboratory Director
07/07/2025