



New Bloom Labs
6121 Heritage Park Dr.
Chattanooga, TN 37416

(844) 837-8223
http://newbloomlabs.com
ISO/IEC 17025:2017 Testing Laboratory Cert# AT-2868

QA Testing

1 of 4

Blue Dream

Sample ID: 2608NBL1445.3982

Matrix: Plant

Type: Flower - Cured

Sample Size:

Date Collected:

Received: 08/19/2026

Completed: 09/08/2026

Expires: 09/08/2027

External Lot ID:

Batch#: 16774

Client

The Hemp Sciences

Lic. #

27 Crane Way Hudson, NH 03051

(201) 375-7307 gino@herbalbuds.com



Summary

Test	Date Tested	Result
Cannabinoids	08/19/2026	Complete
Residual Solvents	09/01/2026	Complete
Microbials	09/01/2026	Complete
Mycotoxins	09/04/2026	Complete
Pesticides	09/04/2026	Complete
Heavy Metals	08/31/2026	Complete
Foreign Matter	08/19/2026	Not Detected

Cannabinoids

Complete

<LOQ	ND	1.261%	11.305%
Total Δ9-THC	Δ9-THC	Total CBD	Total Cannabinoids

Analyte	LOD	LOQ	Result	Result
	%	%	%	mg/g
(6aR,9R)-d10-THC	0.0495	0.074	ND	ND
9R-HHC	0.0495	0.074	ND	ND
(6aR,9S)-d10-THC	0.0495	0.074	ND	ND
9S-HHC	0.0495	0.074	ND	ND
CBC	0.0495	0.074	0.130	1.29837
CBCa	0.0495	0.074	0.195	1.94668
CBD	0.0495	0.074	0.884	8.83574
CBDa	0.0495	0.074	0.430	4.29888
CBDV	0.0495	0.074	ND	ND
CBDVa	0.0495	0.074	ND	ND
CBG	0.0495	0.074	0.233	2.32814
CBGa	0.0495	0.074	9.435	94.34572
CBN	0.0495	0.074	ND	ND
CBNa	0.0495	0.074	ND	ND
Δ8-THC	0.0495	0.074	<LOQ	<LOQ
Δ9-THC	0.0495	0.074	ND	ND
THCa	0.0495	0.074	<LOQ	<LOQ
THCp	0.0495	0.074	ND	ND
THCV	0.0495	0.074	ND	ND
THCVa	0.0495	0.074	ND	ND
Total THC			<LOD	<LOD
Total CBD			1.261	12.60586
Total			11.305	113.05353

Date Tested: 08/19/2026

Testing Method: HPLC-UV, CON-P-3000; Validation Date: 05/2019.

Total Δ9-THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; LOD = Limit of Detection; ND = Not Detected; The decision rule is employed; the uncertainty measurement is not included in the reported result. The values for Measurement Uncertainty are available upon request.



Ashley N Phillips

Ashley Phillips
Laboratory Director
09/08/2026

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Pesticides

Complete

Analyte	LOQ	LOD	Limit	Result	Status	Analyte	LOQ	LOD	Limit	Result	Status
	PPM	PPM	PPM	PPM			PPM	PPM	PPM	PPM	
Abamectin	0.103	0.030		ND	Tested	Fludioxonil	0.099	0.030		ND	Tested
Acephate	0.099	0.030		ND	Tested	Hexythiazox	0.099	0.030		ND	Tested
Acequinocyl	0.099	0.030		ND	Tested	Imazalil	0.099	0.030		ND	Tested
Acetamiprid	0.099	0.030		ND	Tested	Imidacloprid	0.099	0.030		ND	Tested
Aldicarb	0.099	0.030		ND	Tested	Kresoxim Methyl	0.099	0.030		ND	Tested
Azoxystrobin	0.099	0.030		ND	Tested	Malathion	0.099	0.030		ND	Tested
Bifenazate	0.099	0.030		ND	Tested	Metalaxyl	0.099	0.030		ND	Tested
Bifenthrin	0.099	0.030		ND	Tested	Methiocarb	0.099	0.030		ND	Tested
Boscalid	0.099	0.030		ND	Tested	Methomyl	0.099	0.030		ND	Tested
Captan	0.394	0.118		ND	Tested	Mevinphos	0.099	0.030		ND	Tested
Carbaryl	0.099	0.030		ND	Tested	Myclobutanil	0.099	0.030		ND	Tested
Carbofuran	0.099	0.030		ND	Tested	Naled	0.247	0.075		ND	Tested
Chlorantraniliprole	0.099	0.030		ND	Tested	Oxamyl	0.099	0.030		ND	Tested
Chlordane	0.079	0.024		ND	Tested	Paclobutrazol	0.099	0.030		ND	Tested
Chlorfenapyr	0.079	0.024		ND	Tested	Methyl Parathion	0.079	0.024		ND	Tested
Chlormequat	0.099	0.030		ND	Tested	Pentachloronitrobenzene	0.079	0.024		ND	Tested
Chlorpyrifos	0.099	0.030		ND	Tested	Permethrins	0.099	0.030		ND	Tested
Clofentezine	0.099	0.030		ND	Tested	Phosmet	0.099	0.030		ND	Tested
Coumaphos	0.099	0.030		ND	Tested	Piperonyl Butoxide	0.099	0.030		ND	Tested
Cyfluthrin	0.079	0.024		ND	Tested	Prallethrin	0.099	0.030		ND	Tested
Cypermethrin	0.079	0.024		ND	Tested	Propiconazole	0.099	0.030		ND	Tested
Daminozide	0.099	0.030		ND	Tested	Propoxur	0.099	0.030		ND	Tested
Diazinon	0.099	0.030		ND	Tested	Pyrethrins	0.493	0.148		ND	Tested
Dichlorvos	0.049	0.016		ND	Tested	Pyridaben	0.099	0.030		ND	Tested
Dimethoate	0.099	0.030		ND	Tested	Spinetoram	0.099	0.030		ND	Tested
Dimethomorph	0.095	0.030		ND	Tested	Spinosad	0.101	0.030		ND	Tested
Ethoprophos	0.099	0.030		ND	Tested	Spiromesifen	0.099	0.030		ND	Tested
Etofenprox	0.099	0.030		ND	Tested	Spirotetramat	0.099	0.030		ND	Tested
Etoxazole	0.099	0.030		ND	Tested	Spiroxamine	0.099	0.030		ND	Tested
Fenhexamid	0.099	0.030		ND	Tested	Tebuconazole	0.099	0.030		ND	Tested
Fenoxycarb	0.099	0.030		ND	Tested	Thiacloprid	0.099	0.030		ND	Tested
Fenpyroximate	0.099	0.030		ND	Tested	Thiamethoxam	0.099	0.030		ND	Tested
Fipronil	0.099	0.030		ND	Tested	Trifloxystrobin	0.099	0.030		ND	Tested
Flonicamid	0.099	0.030		ND	Tested						

Date Tested: 09/04/2026

Testing Method: LC/MS/MS, CON-P-5000; Validation Date: 04/2020. Testing Method: GC/MS/MS, CON-P-12000; Validation Date: 05/2025.



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Microbials

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Analyte	LOD	Result	Status
	CFU/g		
Shiga Toxin-producing E. Coli	1.000	ND	Tested
Salmonella	1.000	ND	Tested
Aspergillus spp. (A. flavus, A. fumigatus, A. terreus, A. niger)	1.000	ND	Tested

Testing Method: qPCR, CON-P-6000; Validation Date: 01/2021.

Analyte	LOD	Result	Status
	CFU/g	CFU/g	
Aerobic Bacteria	88889	ND	Tested
Enterobacteriaceae (BTGN)	889	ND	Tested
Coliforms	889	ND	Tested
Yeast & Mold	9671	ND	Tested
E. Coli	889	ND	Tested

Testing Method: Petrifilms, CON-P-9000; Validation Date: 12/2021.

Date Tested: 09/01/2026

CFU = Colony Forming Units, Cq = Quantification Cycle, ND = Not Detected, LOD = Limit of Detection, ND = Not Detected

Mycotoxins

Complete

Analyte	LOD	LOQ	Limit	Result	Status
	PPB	PPB	PPB	PPB	
B1	1.6	4.9		ND	Tested
B2	1.6	4.9		ND	Tested
G1	1.6	4.9		ND	Tested
G2	1.6	4.9		ND	Tested
Total Aflatoxins	1.6	4.9		ND	Tested
Ochratoxin A	5.9	19.7		ND	Tested

Date Tested: 09/04/2026

Testing Method: LC/MS/MS, CON-P-5000; Validation Date: 04/2020.

Heavy Metals

Complete

Analyte	LOD	LOQ	Limit	Result	Status
	PPM	PPM	PPM	PPM	
Arsenic	0.046	0.092		0.136	Tested
Cadmium	0.046	0.092		0.113	Tested
Lead	0.046	0.092		0.107	Tested
Mercury	0.046	0.092		ND	Tested
Palladium	0.046	0.231		ND	Tested
Selenium	0.046	0.092		ND	Tested

Date Tested: 08/31/2026

Testing Method: ICP/MS, CON-P-7000; Validation Date: 09/2020.



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Residual Solvents

Complete

Analyte	LOD PPM	LOQ PPM	Limit PPM	Result PPM	Status
Acetone	66.964	223.214		ND	Tested
Benzene	0.268	0.893		ND	Tested
n-Butane	61.607	205.357		ND	Tested
Isobutane	61.607	205.357		ND	Tested
Ethanol	66.964	223.214		ND	Tested
Ethyl Acetate	66.964	223.214		ND	Tested
Heptane	66.964	223.214		ND	Tested
n-Hexane	1.339	4.464		ND	Tested
2,2-Dimethylbutane	1.339	4.464		ND	Tested
3-Methylpentane	1.339	4.464		ND	Tested
2-Methylpentane/2,3-Dimethylbutane	2.679	8.929		ND	Tested
Methanol	26.786	89.286		ND	Tested
Isopentane	61.607	205.357		ND	Tested
n-Pentane	26.786	89.286		ND	Tested
Neopentane	61.607	205.357		ND	Tested
2-Propanol	66.964	223.214		<LOQ	Tested
Propane	267.857	892.857		ND	Tested
Toluene	0.134	0.446		ND	Tested
Ethylbenzene	0.134	0.446		ND	Tested
m/p-Xylene	0.134	0.446		ND	Tested
o-Xylene	0.134	0.446		ND	Tested
1,1-Dichloroethene	0.536	1.786		ND	Tested
1,2-Dichloroethane	0.536	1.786		ND	Tested
Ethylene Oxide	1.339	4.464		ND	Tested
Acetonitrile	5.357	17.857		ND	Tested
Chloroform	0.536	1.786		ND	Tested
Ethyl Ether	66.964	223.214		ND	Tested
Dichloromethane	26.786	89.286		ND	Tested
Trichloroethene	5.357	17.857		ND	Tested
2,3-Butanedione	26.786	89.286		ND	Tested

Date Tested: 09/01/2026

Testing Method: HS-GC/MS, CON-P-8000; Validation Date: 09/2020.



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