



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

Sour Candy

Sample ID: 2608NBL1445.3983

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	08/31/2026	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	1.827%	10.812%
Total Δ9-THC	Δ9-THC	Total CBD	Total Cannabinoids

Analyte	LOD	LOQ	Result	Result
	%	%	%	mg/g
(6aR,9R)-d10-THC	0.0488	0.073	ND	ND
9R-HHC	0.0488	0.073	ND	ND
(6aR,9S)-d10-THC	0.0488	0.073	ND	ND
9S-HHC	0.0488	0.073	ND	ND
CBC	0.0488	0.073	0.126	1.25963
CBCa	0.0488	0.073	0.199	1.98514
CBD	0.0488	0.073	1.098	10.97542
CBDa	0.0488	0.073	0.832	8.32088
CBDV	0.0488	0.073	ND	ND
CBDVa	0.0488	0.073	ND	ND
CBG	0.0488	0.073	0.226	2.25608
CBGa	0.0488	0.073	8.333	83.32547
CBN	0.0488	0.073	ND	ND
CBNa	0.0488	0.073	ND	ND
Δ8-THC	0.0488	0.073	ND	ND
Δ9-THC	0.0488	0.073	ND	ND
THCa	0.0488	0.073	<LOQ	<LOQ
THCp	0.0488	0.073	ND	ND
THCV	0.0488	0.073	ND	ND
THCVa	0.0488	0.073	ND	ND
Total THC			<LOD	<LOD
Total CBD			1.827	18.27283
Total			10.812	108.12262

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	0.101	0.029		ND	Tested	Fludioxonil	0.097	0.029		ND	Tested
Acephate	0.097	0.029		ND	Tested	Hexythiazox	0.097	0.029		ND	Tested
Acequinocyl	0.097	0.029		ND	Tested	Imazalil	0.097	0.029		ND	Tested
Acetamiprid	0.097	0.029		ND	Tested	Imidacloprid	0.097	0.029		ND	Tested
Aldicarb	0.097	0.029		ND	Tested	Kresoxim Methyl	0.097	0.029		ND	Tested
Azoxystrobin	0.097	0.029		ND	Tested	Malathion	0.097	0.029		ND	Tested
Bifenazate	0.097	0.029		ND	Tested	Metalaxyl	0.097	0.029		ND	Tested
Bifenthrin	0.097	0.029		ND	Tested	Methiocarb	0.097	0.029		ND	Tested
Boscalid	0.097	0.029		ND	Tested	Methomyl	0.097	0.029		ND	Tested
Captan	0.390	0.117		ND	Tested	Mevinphos	0.097	0.029		ND	Tested
Carbaryl	0.097	0.029		ND	Tested	Myclobutanil	0.097	0.029		ND	Tested
Carbofuran	0.097	0.029		ND	Tested	Naled	0.244	0.074		ND	Tested
Chlorantraniliprole	0.097	0.029		ND	Tested	Oxamyl	0.097	0.029		ND	Tested
Chlordane	0.078	0.023		ND	Tested	Paclobutrazol	0.097	0.029		ND	Tested
Chlorfenapyr	0.078	0.023		ND	Tested	Methyl Parathion	0.078	0.023		ND	Tested
Chlormequat	0.097	0.029		ND	Tested	Pentachloronitrobenzene	0.078	0.023		ND	Tested
Chlorpyrifos	0.097	0.029		ND	Tested	Permethrins	0.097	0.029		ND	Tested
Clofentezine	0.097	0.029		ND	Tested	Phosmet	0.097	0.029		ND	Tested
Coumaphos	0.097	0.029		ND	Tested	Piperonyl Butoxide	0.097	0.029		ND	Tested
Cyfluthrin	0.078	0.023		ND	Tested	Prallethrin	0.097	0.029		ND	Tested
Cypermethrin	0.078	0.023		ND	Tested	Propiconazole	0.097	0.029		ND	Tested
Daminozide	0.097	0.029		ND	Tested	Propoxur	0.097	0.029		ND	Tested
Diazinon	0.097	0.029		ND	Tested	Pyrethrins	0.487	0.146		ND	Tested
Dichlorvos	0.049	0.016		ND	Tested	Pyridaben	0.097	0.029		ND	Tested
Dimethoate	0.097	0.029		ND	Tested	Spinetoram	0.097	0.029		ND	Tested
Dimethomorph	0.094	0.029		ND	Tested	Spinosad	0.099	0.029		ND	Tested
Ethoprophos	0.097	0.029		ND	Tested	Spiromesifen	0.097	0.029		ND	Tested
Etofenprox	0.097	0.029		ND	Tested	Spirotetramat	0.097	0.029		ND	Tested
Etoxazole	0.097	0.029		ND	Tested	Spiroxamine	0.097	0.029		ND	Tested
Fenhexamid	0.097	0.029		ND	Tested	Tebuconazole	0.097	0.029		ND	Tested
Fenoxycarb	0.097	0.029		ND	Tested	Thiacloprid	0.097	0.029		ND	Tested
Fenpyroximate	0.097	0.029		ND	Tested	Thiamethoxam	0.097	0.029		ND	Tested
Fipronil	0.097	0.029		ND	Tested	Trifloxystrobin	0.097	0.029		ND	Tested
Flonicamid	0.097	0.029		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

Complete

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	84034	ND	Tested
Enterobacteriaceae (BTGN)	840	ND	Tested
Coliforms	840	ND	Tested
Yeast & Mold	9606	ND	Tested
E. Coli	840	ND	Tested

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

Date Tested: 08/31/2026

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	5.8	19.5		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	0.048	0.095		ND	Tested
Cadmium	0.048	0.095		0.111	Tested
Lead	0.048	0.095		0.104	Tested
Mercury	0.048	0.095		ND	Tested
Palladium	0.048	0.238		ND	Tested
Selenium	0.048	0.095		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	69.444	231.481		ND	Tested
Benzene	0.278	0.926		ND	Tested
n-Butane	63.889	212.963		ND	Tested
Isobutane	63.889	212.963		ND	Tested
Ethanol	69.444	231.481		ND	Tested
Ethyl Acetate	69.444	231.481		ND	Tested
Heptane	69.444	231.481		ND	Tested
n-Hexane	1.389	4.630		ND	Tested
2,2-Dimethylbutane	1.389	4.630		ND	Tested
3-Methylpentane	1.389	4.630		ND	Tested
2-Methylpentane/2,3-Dimethylbutane	2.778	9.259		ND	Tested
Methanol	27.778	92.593		ND	Tested
Isopentane	63.889	212.963		ND	Tested
n-Pentane	27.778	92.593		ND	Tested
Neopentane	63.889	212.963		ND	Tested
2-Propanol	69.444	231.481		ND	Tested
Propane	277.778	925.926		ND	Tested
Toluene	0.139	0.463		ND	Tested
Ethylbenzene	0.139	0.463		ND	Tested
m/p-Xylene	0.139	0.463		ND	Tested
o-Xylene	0.139	0.463		ND	Tested
1,1-Dichloroethene	0.556	1.852		ND	Tested
1,2-Dichloroethane	0.556	1.852		ND	Tested
Ethylene Oxide	1.389	4.630		ND	Tested
Acetonitrile	5.556	18.519		ND	Tested
Chloroform	0.556	1.852		ND	Tested
Ethyl Ether	69.444	231.481		ND	Tested
Dichloromethane	27.778	92.593		ND	Tested
Trichloroethene	5.556	18.519		ND	Tested
2,3-Butanedione	27.778	92.593		ND	Tested

Date Tested: 09/01/2026

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



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