

**Flow Gardens**  
 3561 Maynardville Hwy  
 Maynardville, TN 37807  
 erich@flowgardens.com  
 865-919-6487

**Sample: 11-16-2023-41766**  
 Sample Received: 11/16/2023;  
 Report Created: 11/22/2023; Expires: 11/21/2024

**Apple Tart**  
 Plant, Flower - Cured



**20.457 %**

Total THC

**0.283 %**

Δ-9 THC

**24.271 %**

Total Cannabinoids

**<LOQ %**

Total CBD

## Cannabinoids

(Testing Method: HPLC, CON-P-3000)  
 Date Tested: 11/16/2023

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0483	0.0725	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0483	0.0725	0.283	2.831	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0483	0.0725	23.003	230.029	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0483	0.0725	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0483	0.0725	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0483	0.0725	0.086	0.860	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0483	0.0725	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0483	0.0725	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0483	0.0725	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0483	0.0725	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0483	0.0725	ND	ND	
Cannabidivarin (CBDV)	0.0483	0.0725	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0483	0.0725	ND	ND	
Cannabidiol (CBD)	0.0483	0.0725	ND	ND	
Cannabidiolic Acid (CBDa)	0.0338	0.0725	<LOQ	<LOQ	
Cannabigerol (CBG)	0.0483	0.0725	0.103	1.034	
Cannabigerolic Acid (CBGA)	0.0483	0.0725	0.720	7.198	
Cannabinol (CBN)	0.0483	0.0725	ND	ND	
Cannabinolic Acid (CBNA)	0.0483	0.0725	ND	ND	
Cannabichromene (CBC)	0.0483	0.0725	ND	ND	
Cannabichromenic Acid (CBCA)	0.0483	0.0725	0.076	0.763	
<b>Total</b>			<b>24.271</b>	<b>242.715</b>	

Total THC = THCa \* 0.877 + Δ9-THC; Total CBD = CBDa \* 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: ± 0.050%  
 Total CBD Measurement of Uncertainty: ± 2.000%  
 THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers



New Bloom Labs  
 6121 Heritage Park Drive, A500  
 Chattanooga, TN 37416  
 (844) 837-8223  
 TN DEA#: RN0563975  
 ANAB Testing Laboratory (AT-2868): ISO/IEC  
 17025:2017

*Natalie Siracusa*  
 Natalie Siracusa  
 Laboratory Director

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## Heavy Metals


(Method of Analysis: ICP/MS, CON-P-7000)

Date Tested: 11/17/2023

Analyte	LOQ	Mass
	PPM	PPM
Arsenic	0.0909	<0.0909
Cadmium	0.0909	<0.0909
Lead	0.0909	<0.0909
Mercury	0.0909	<0.0909
Palladium	0.2273	<0.2273
Selenium	0.0909	<0.0909



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## Pesticides

(Testing Method: LC/MS/MS & HPLC-UV, CON-P-5000)

Date Tested: 11/16/2023

Analyte	LOQ	Mass	Analyte	LOQ	Mass
	PPM	PPM		PPM	PPM
Acephate	0.100	<0.100	Imazalil	0.100	<0.100
Acequinocyl	0.100	<0.100	Imidacloprid	0.200	<0.200
Acetamiprid	0.100	<0.100	Kresoxim Methyl	0.100	<0.100
Aldicarb	0.100	<0.100	Malathion	0.100	<0.100
Avermectin B1A	0.100	<0.100	Metaxyl	0.100	<0.100
Avermectin B1B	0.100	<0.100	Methiocarb	0.100	<0.100
Azoxystrobin	0.100	<0.100	Methomyl	0.100	<0.100
Bifenazate	0.100	<0.100	Mevinphos	0.100	<0.100
Bifenthrin	0.100	<0.100	MGK-264	0.100	<0.100
Boscalid	0.100	<0.100	Myclobutanil	0.100	<0.100
Captan	0.700	<0.700	Naled	0.250	<0.250
Carbaryl	0.100	<0.100	Oxamyl	0.500	<0.500
Carbofuran	0.100	<0.100	Paclobutrazole	0.100	<0.100
Chlorantraniliprole	0.100	<0.100	Parathion Methyl	0.100	<0.100
Chlorfenapyr	0.100	<0.100	Pentachloronitrobenzene	0.150	<0.150
Chlormequat	0.100	<0.100	Permethrins	0.100	<0.100
Chlorpyrifos	0.100	<0.100	Phosmet	0.100	<0.100
Clofentazine	0.100	<0.100	Piperonyl Butoxide	1.000	<1.000
Coumaphos	0.100	<0.100	Prallethrin	0.100	<0.100
Cyfluthrin	0.500	<0.500	Propiconazole	0.100	<0.100
Cypermethrin	0.500	<0.500	Propoxur	0.100	<0.100
Diazinon	0.100	<0.100	Pyrethrins	0.500	<0.500
Dichlorvos (DDPV)	0.050	<0.050	Pyridaben	0.100	<0.100
Dimethoate	0.100	<0.100	Spinetoram	0.100	<0.100
Dimethomorph	0.100	<0.100	Spinosad A	0.050	<0.050
Ethoprophos	0.100	<0.100	Spinosad D	0.050	<0.050
Etofenprox	0.100	<0.100	Spiromesifen	0.100	<0.100
Etoxazole	0.100	<0.100	Spirotetramat	0.100	<0.100
Fenhexamid	0.100	<0.100	Spiroxamine	0.100	<0.100
Fenoxycarb	0.100	<0.100	Tebuconazole	0.100	<0.100
Fenpyroximate	0.100	<0.100	Thiacloprid	0.100	<0.100
Fipronil	0.100	<0.100	Thiamethoxam	0.100	<0.100
Flonicamid	0.100	<0.100	Trifloxystrobin	0.100	<0.100
Fludioxonil	0.100	<0.100	Chlordane	0.100	Not Detected
Hexythiazox	0.100	<0.100	Daminozide	0.100	Not Detected



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## Mycotoxins


(Testing Method: LC/MS/MS, CON-P-5000)

Date Tested: 11/16/2023

Analyte	LOQ	Mass
	PPB	PPB
Aflatoxin B1	5.000	<5.000
Aflatoxin B2	5.000	<5.000
Aflatoxin G1	5.000	<5.000
Aflatoxin G2	5.000	<5.000
Ochratoxin A	20.000	Not Detected



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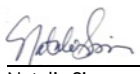
## Microbials

(Testing Method: qPCR & 3M Petrifilm & SIM Plate, CON-P-6000, CON-P-9000)  
Date Tested: 11/17/2023

Analyte	LOQ	Units
	CFU/g	CFU/g
Total Yeast and Mold Count	8422	<b>16844</b>
Total Aerobic Bacteria Count	83955	<83955
Total Coliform Count	839	<839
Total Enterobacteriaceae/BTGN Count	839	<839
Aspergillus spp.		Not Detected
Shigatoxigenic Escherichia coli (STEC)		Not Detected
Salmonella		Not Detected
Listeria monocytogenes		Not Detected



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