



CERTIFICATE OF ANALYSIS

PRODUCED: OCT 31, 2023

SAMPLE: BLUE BISCOTTI FLOWER (FLOWER) // CLIENT: MMJ APOTHECARY DBA: FLOWER LAUNCH // BATCH: PASS



**BATCH NO.:** 10052023.BB.R7  
**CULTIVAR:** BLUE BISCOTTI  
**MATRIX:** FLOWER  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** FSL-231020-001  
**COLLECTED ON:** OCT 20, 2023 12:03:19  
**RECEIVED ON:** OCT 20, 2023 12:03:19  
**BATCH/SAMPLE SIZE:** 19.5 LBS / 10 G  
**RECEIVED BY:** EMPLOYEE ID #1692123LAVL636484468

CANNABINOID OVERVIEW	
THCA:	27.7 %
CBGA:	2.09 %
TOTAL CANNABINOIDS:	29.0 %
SUM OF CANNABINOIDS:	32.9526 %

**CULTIVATOR INFO**

**CULTIVATOR**  
 PATIENT ALTERNATIVE RELIEF CENTER  
 7655 E EVANS RD  
 SCOTTSDALE, AZ 85260

**LICENSE**  
 00000013LCRK62049775  
 ADULT-USE AND MEDICINAL -  
 CULTIVATOR LICENSE

**MANUFACTURER INFO**

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 PATIENT ALTERNATIVE RELIEF CENTER  
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**BATCH RESULT: PASS**

POTENCY	TESTED
METALS	PASS
MICROBIAL	PASS
MYCOTOXINS	TESTED
PESTICIDES	PASS
TERPENES	TESTED

CANNABINOIDS BY HPLC-DAD // OCT 26, 2023

ANALYTE	QUALIFIERS	LOD/LOQ (mg/g)	ACTION LIMIT	RESULT	RESULT	STATUS (PASS/FAIL)
THCA		0.00500/0.0100		27.7 %	277 mg/g	N/A
CBGA		0.00500/0.0100		2.09 %	20.9 mg/g	N/A
CBDA		0.00500/0.0100		2.01 %	20.1 mg/g	N/A
Δ <sup>9</sup> -THC		0.00500/0.0100		0.769 %	7.69 mg/g	N/A
CBG		0.00500/0.0100		0.355 %	3.55 mg/g	N/A
Δ <sup>8</sup> -THC		0.00500/0.0100		0.0286 %	0.286 mg/g	N/A
CBC		0.00500/0.0100		ND	ND	N/A
CBD		0.00500/0.0100		ND	ND	N/A
CBN		0.00500/0.0100		ND	ND	N/A
THCV		0.00500/0.0100		ND	ND	N/A
TOTAL THC**				25.1 %	251 mg/g	N/A
TOTAL CBD**				1.76 %	17.6 mg/g	N/A

\*\* TOTAL CBD = (CBDA X 0.877) + CBD  
 \*\* TOTAL THC = (THCA X 0.877) + THC

**RESULTS CERTIFIED BY: AUSTIN ABNEY**  
 LABORATORY DIRECTOR / DIRECTOR OF QUALITY ASSURANCE  
 OCT 31, 2023

**RESULTS CERTIFIED BY: GREGORY FRASCO**  
 LABORATORY DIRECTOR / DIRECTOR OF OPERATIONS  
 OCT 31, 2023



This product has been tested by Flower Scientific Labs LLC. Results relate only to the samples received. Limits and required tests are referenced from Laws 2019, Ch. 318, revised A.R.S. Title 36, Chapter 28.1 and Arizona Administrative Code (A.A.C.) Title 9, Chapter 17. This Certificate shall not be reproduced except in full, without the written approval of Flower Scientific Labs, LLC. AZDHS certification 0000030LRCVG81379529.

## TERPENES BY GC-MS // OCT 26, 2023

ANALYTE	QUALIFIERS	LOD/LOQ (mg/g)	RESULT	RESULT	
TOTAL TERPENES			1.60 %	16.0 mg/g	
β-CARYOPHYLLENE	Q3	0.0128/0.144	0.754 %	7.54 mg/g	
α-HUMULENE	Q3	0.0154/0.144	0.218 %	2.18 mg/g	
D-LIMONENE	Q3	0.0181/0.144	0.185 %	1.85 mg/g	
β-MYRCENE	Q3	0.0192/0.144	0.149 %	1.49 mg/g	
LINALOOL	Q3	0.0165/0.144	0.0703 %	0.703 mg/g	
β-PINENE	Q3	0.0176/0.144	0.0546 %	0.546 mg/g	
TERPINOLENE	Q3	0.0165/0.144	0.0491 %	0.491 mg/g	
β-OCIMENE	Q3	0.0213/0.144	0.0472 %	0.472 mg/g	
α-PINENE	Q3	0.0218/0.144	0.0428 %	0.428 mg/g	
(-)-α-BISABOLOL	Q3	0.0122/0.144	0.0313 %	0.313 mg/g	
α-TERPINENE	Q3	0.0160/0.144	ND	ND	
Δ <sup>3</sup> -CARENE	Q3	0.0229/0.144	ND	ND	
EUCALYPTOL	Q3	0.0149/0.144	ND	ND	
γ-TERPINENE	Q3	0.0165/0.144	ND	ND	
GERANIOL	Q3	0.0170/0.144	ND	ND	
GUAIOL	Q3	0.0154/0.144	ND	ND	
ISOPULEGOL	Q3	0.0186/0.144	ND	ND	
NEROLIDOL 1	Q3	0.0144/0.144	ND	ND	
NEROLIDOL 2	Q3	0.0160/0.144	ND	ND	
P-CYMENE	Q3	0.0170/0.144	ND	ND	
CAMPHERE	Q3	0.0213/0.144	< LOQ	< LOQ	

## MICROBIALS BY PCR/3M PETRIFILM // OCT 26, 2023

ANALYTE	QUALIFIERS	ACTION LIMIT	RESULT (CFU/g)	STATUS (PASS/FAIL)
ASPERGILLUS FLAVUS		Any amt in 1 gram	Not Detected in 1 gram	PASS
ASPERGILLUS FUMIGATUS		Any amt in 1 gram	Not Detected in 1 gram	PASS
ASPERGILLUS NIGER		Any amt in 1 gram	Not Detected in 1 gram	PASS
ASPERGILLUS TERREUS		Any amt in 1 gram	Not Detected in 1 gram	PASS
ESCHERICHIA COLI		100 CFU/g	ND	PASS
SALMONELLA SPP.		Any amt in 1 gram	Not Detected in 1 gram	PASS

## MYCOTOXINS BY LC-MS/MS // OCT 26, 2023

ANALYTE	QUALIFIERS	LOD/LOQ (µg/kg)	ACTION LIMIT	RESULT (µg/kg)	STATUS (PASS/FAIL)
AFLATOXIN B1		5.00/10.0		ND	N/A
AFLATOXIN B2		5.00/10.0		ND	N/A
AFLATOXIN G1		5.00/10.0		ND	N/A
AFLATOXIN G2	R1	5.00/10.0		ND	N/A
AFLATOXINS			20 µg/kg	ND	N/A
OCHRATOXIN A		5.00/10.0	20 µg/kg	ND	N/A

## PESTICIDES BY LC-MS/MS // OCT 24, 2023

ANALYTE	QUALIFIERS	LOD/LOQ (µg/g)	ACTION LIMIT	RESULT (µg/g)	STATUS (PASS/FAIL)
ABAMECTIN			0.5 µg/g	ND	PASS
ABAMECTIN BA	V1 L1	0.125/0.250		ND	N/A
ACEPHATE		0.100/0.200	0.4 µg/g	ND	PASS
ACEQUINOCYL		0.500/1.00	2 µg/g	ND	PASS
ACETAMIPRID		0.0500/0.100	0.2 µg/g	ND	PASS
ALDICARB		0.100/0.200	0.4 µg/g	ND	PASS
AZOXYSTROBIN		0.0500/0.100	0.2 µg/g	ND	PASS
BIFENAZATE		0.0500/0.100	0.2 µg/g	ND	PASS
BIFENTHRIN		0.0500/0.100	0.2 µg/g	ND	PASS
BOSCALID		0.100/0.200	0.4 µg/g	ND	PASS
CARBARYL		0.0500/0.100	0.2 µg/g	ND	PASS
CARBOFURAN		0.0500/0.100	0.2 µg/g	ND	PASS
CHLORANTRANILIPROLE		0.0500/0.100	0.2 µg/g	ND	PASS
CHLORFENAPYR		0.250/0.500	1 µg/g	ND	PASS
CHLORPYRIFOS		0.0500/0.100	0.2 µg/g	ND	PASS
CLOFENTEZINE		0.0500/0.100	0.2 µg/g	ND	PASS
CYFLUTHRIN		0.250/0.500	1 µg/g	ND	PASS
CYPERMETHRIN		0.250/0.500	1 µg/g	ND	PASS
DAMINOZIDE	V1	0.250/0.500	1 µg/g	ND	PASS
DIAZINON		0.0500/0.100	0.2 µg/g	ND	PASS

RESULTS CERTIFIED BY: AUSTIN ABNEY

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OCT 31, 2023

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# REGULATORY COMPLIANCE TESTING

DICHLORVOS	0.0250/0.0500	0.1 µg/g	ND	PASS
DIMETHOATE	0.0500/0.100	0.2 µg/g	ND	PASS
ETHOPROPHOS	0.0500/0.100	0.2 µg/g	ND	PASS
ETOFENPROX	0.100/0.200	0.4 µg/g	ND	PASS
ETOXAZOLE	0.0500/0.100	0.2 µg/g	ND	PASS
FENOXYCARB	0.0500/0.100	0.2 µg/g	ND	PASS
FENPYROXIMATE	0.100/0.200	0.4 µg/g	ND	PASS
FIPRONIL	0.100/0.200	0.4 µg/g	ND	PASS
FLONICAMID	0.250/0.500	1 µg/g	ND	PASS
FLUDIOXONIL	0.100/0.200	0.4 µg/g	ND	PASS
HEXYTHIAZOX	0.250/0.500	1 µg/g	ND	PASS
IMAZALIL	0.0500/0.100	0.2 µg/g	ND	PASS
IMIDACLOPRID	0.100/0.200	0.4 µg/g	ND	PASS
KRESOXIM-METHYL	0.100/0.200	0.4 µg/g	ND	PASS
MALATHION	0.0500/0.100	0.2 µg/g	ND	PASS
METALAXYL	0.0500/0.100	0.2 µg/g	ND	PASS
METHIOCARB	0.0500/0.100	0.2 µg/g	ND	PASS
METHOMYL	0.100/0.200	0.4 µg/g	ND	PASS
MYCLOBUTANIL	0.0500/0.100	0.2 µg/g	ND	PASS
NALED	0.100/0.200	0.5 µg/g	ND	PASS
OXAMYL	0.200/0.400	1 µg/g	ND	PASS
PACLOBUTRAZOL	0.100/0.200	0.4 µg/g	ND	PASS
PERMETHRIN	0.0500/0.100	0.2 µg/g	ND	PASS
PHOSMET	0.0500/0.100	0.2 µg/g	ND	PASS
PIPERONYLBUTOXIDE	0.500/1.00	2 µg/g	ND	PASS
PRALLETHRIN	0.0500/0.100	0.2 µg/g	ND	PASS
PROPICONAZOLE	0.100/0.200	0.4 µg/g	ND	PASS
PROPOXUR	0.100/0.100	0.2 µg/g	ND	PASS
PYRETHRINS		1 µg/g	ND	PASS
PYRETHRINS CINERIN I	0.250/0.500		ND	N/A
PYRETHRINS JASMOLIN I	0.250/0.500		ND	N/A
PYRETHRINS PYRETHRIN I	0.250/0.500		ND	N/A
PYRETHRINS PYRETHRIN II	0.250/0.500		ND	N/A
PYRIDABEN	0.128/0.100	0.2 µg/g	ND	PASS
SPINOSAD		0.2 µg/g	ND	PASS
SPINOSAD A	0.0500/0.100		ND	N/A
SPINOSAD D	0.0500/0.100		ND	N/A
SPIROMESIFEN	0.0500/0.100	0.2 µg/g	ND	PASS
SPIROTETRAMAT	0.0500/0.100	0.2 µg/g	ND	PASS
SPIROXAMINE	0.100/0.200	0.4 µg/g	ND	PASS
TEBUCONAZOLE	0.100/0.200	0.4 µg/g	ND	PASS
THIACLOPRID	0.0500/0.100	0.2 µg/g	ND	PASS
THIAMETHOXAM	0.0500/0.100	0.2 µg/g	ND	PASS
TRIFLOXYSTROBIN	0.0500/0.100	0.2 µg/g	ND	PASS

## HEAVY METALS BY ICP-MS // OCT 24, 2023

ANALYTE	QUALIFIERS	LOD/LOQ (µg/g)	ACTION LIMIT	RESULT (µg/g)	STATUS (PASS/FAIL)
ARSENIC		0.100/0.200	0.4 µg/g	ND	PASS
CADMIUM		0.100/0.200	0.4 µg/g	ND	PASS
LEAD		0.250/0.500	1 µg/g	ND	PASS
MERCURY		0.0500/0.100	0.2 µg/g	ND	PASS

RESULTS CERTIFIED BY: AUSTIN ABNEY

LABORATORY DIRECTOR / DIRECTOR OF QUALITY ASSURANCE

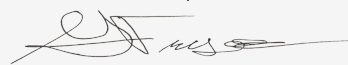
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