



# Certificate of Analysis

<b>Order #</b> 2306CBR0065	Receipt Date: 6/16/2023 14:06	Product Name: String Bikini - Flower
Order Date: 6/14/2023	Completion Date: 06/20/2023 16:51	Seed to Sale #: 8998 4361 2197 2609
Sample # 2306CBR0065-002	Initial Gross Weight: 42.36 g	Batch #: 8998436121972609
Sampling Date: 6/16/2023 00:06	Total Batch Wgt or Vol: 11,599 g	Lot ID: 8998 4361 2197 2609

  

<b>Client:</b> Sunburn	Batch Date: 6/16/2023	Sampling Method: LAB-028	Cultivation Facility: Winter Garden
Address: 25548 County Rd 44A	Extracted From: 8998 4361 2197 260	Matrix: Flower	Cultivation Date: 5/3/2023
Address: Eustis, FL 32736	Cultivars: String Bikini	Test Reg State: Cannabis FL	Production Facility: Winter Garden
	Description: String Bikini - Flower		Production Date: 6/14/2023

## SUMMARY TESTED



<b>TESTED</b> Potency	<b>TESTED</b> Terpenes	<b>PASSED</b> Pesticides	<b>PASSED</b> Heavy Metals	<b>PASSED</b> Total Contaminant Load	<b>NOT TESTED</b> Residual Solvents	<b>NOT TESTED</b> Total Aerobic Bacteria
<b>PASSED</b> Mycotoxins	<b>PASSED</b> Microbials	<b>PASSED</b> Total Yeast and Mold	<b>PASSED</b> Filt and Foreign Material	<b>PASSED</b> Water Activity	<b>PASSED</b> Moisture	<b>NOT TESTED</b> Homogeneity

## POTENCY TESTED

Analyte	LOD (mg/g)	Result (mg/g)	Result %	mg/unit
THCA	0.000012	179	17.9	628.20
CBGA	0.000008	9.40	0.940	32.896
d9-THC	0.00002	7.94	0.794	27.783
CBD	0.00001	1.12	0.112	3.936
CBG	0.000015	1.12	0.112	3.938
CBC	0.000004	ND	ND	N/A
CBDA	0.000012	ND	ND	N/A
CBDV	0.000017	ND	ND	N/A
CBN	0.000009	ND	ND	N/A
d8-THC	0.000246	ND	ND	N/A
THCV	0.000015	ND	ND	N/A

Sample Prepared By: Date/Time: Sample Analyzed By: Date/Time:  
040 6/19/2023 12:48 040 6/19/2023 13:21

Batch Reviewed By: Date/Time: Analysis #  
027 6/20/2023 14:10 Potency 1

Specimen wt (g): Dilution:  
0.5200 1000

Analysis Method: Instrument Used:  
TM-001 Potency HPLC

## POTENCY SUMMARY

Total THC <b>16.5%</b> As Received	Total THC/Unit <b>578.7 mg</b> As Received	THC Label Claim N/A N/A	Total Cannabinoids <b>19.9%</b> As Received
Total CBD <b>0.112%</b> As Received	Total CBD/Unit <b>3.936 mg</b> As Received	CBD Label Claim N/A N/A	Total Cannabinoids/Unit <b>696.75 mg</b> As Received

## TERPENES SUMMARY

Analyte	Result (ug/g)	Result %
D-Limonene	2890	0.289
E-Caryophyllene	2253	0.225
alpha-Pinene	1528	0.153
beta-Pinene	899.0	0.090
Terpineol	670.3	0.067
Endo-Fenchyl Alcohol	575.6	0.058
alpha-Humulene	411.6	0.041
Linalool	363.4	0.036
Ocimenes	309.8	0.031
beta-Myrcene	203.4	0.020

Total Terpenes: 1.01%  
Showing top 10 Terpenes, full analysis on the following page.

Definitions and Abbreviations used in this report: Total THC = Delta 9 THC + (THCA\*0.877), Total CBD = CBD + (CBDA\*0.877), Total Cannabinoids = THC + THCA + CBD + CBDA + CBG + CBGA + Delta 8 THC + THCV + CBDV + CBC + CBN, Total THC and Total CBD are expressed as mg in total package weight, (Dilution) = Dilution Factor, (%) = Percent, (mg/g) = Milligrams per Gram, (mg/mL) = Milligrams per Milliliter, (mg/kg) = Milligrams per Kilogram, (ug/g) = Microgram per Kilogram, (cfu/g) = Colony Forming Unit per Gram, Action Limit of Absent is equivalent to < 1 cfu/g, (aw) = Water Activity, (LOD) = Limit of Detection, (LOQ) = Limit of Quantitation, (ppm) = parts per million; (ppb) = parts per billion; Units for ppm also expressed as (mg/kg); Units for ppb also expressed as (ug/kg).

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*A. Repay*  
**Anthony Repay**  
Lab Director-Micro

06/20/2023 16:51



# Certificate of Analysis

<b>Order #</b> 2306CBR0065	Receipt Date: 6/16/2023 14:06	Product Name: String Bikini - Flower	
Order Date: 6/14/2023	Completion Date: 06/20/2023 16:51	Seed to Sale #: 8998 4361 2197 2609	
Sample # 2306CBR0065-002	Initial Gross Weight: 42.36 g	Batch #: 8998436121972609	
Sampling Date: 6/16/2023 00:06	Total Batch Wgt or Vol: 11,599 g	Lot ID: 8998 4361 2197 2609	
<b>Client:</b> Sunburn	Batch Date: 6/16/2023	Sampling Method: LAB-028	Cultivation Facility: Winter Garden
Address: 25548 County Rd 44A	Extracted From: 8998 4361 2197 2609	Matrix: Flower	Cultivation Date: 5/3/2023
Address: Eustis, FL 32736	Cultivars: String Bikini	Test Reg State: Cannabis FL	Production Facility: Winter Garden
	Description: String Bikini - Flower		Production Date: 6/14/2023

## TERPENES

## TESTED

Analyte	LOD (ug/g)	Result (ug/g)	Result %	Analyte	LOD (ug/g)	Result (ug/g)	Result %
alpha-Pinene	8	1528	0.153	Camphene	10	< LOQ	< LOQ
Isopulegol	59	ND	ND	delta-3-Carene	16	ND	ND
alpha-Terpinene	94	ND	ND	Eucalyptol	56	ND	ND
gamma-Terpinene	6	ND	ND	alpha-terpinolene	17	ND	ND
Linalool	18	363.4	0.036	Geraniol	13	ND	ND
alpha-Humulene	21	411.6	0.041	Z-Nerolidol	22	ND	ND
Menthol	44	ND	ND	E-Nerolidol	19	< LOQ	< LOQ
Guaiol	24	ND	ND	E-Caryophyllene	31	2253	0.225
Nerol	25	ND	ND	alpha-Bisabolol	20	ND	ND
Valencene	27	ND	ND	D-Limonene	15	2890	0.289
alpha-Cedrene	20	ND	ND	Sabinene	29	ND	ND
Endo-Fenchyl Alcohol	40	575.6	0.058	Terpineol	31	670.3	0.067
Pulegone	11	ND	ND	[+/-]-Camphor	62	ND	ND
Isoborneol	74	ND	ND	(+/-)-Fenchone	21	ND	ND
Ocimenes	31	309.8	0.031	Cedrol	7	ND	ND
Farnesene	130	ND	ND	Geranyl acetate	19	ND	ND
alpha-Phellandrene	19	ND	ND	beta-Pinene	26	899.0	0.090
beta-Myrcene	50	203.4	0.020	Caryophyllene Oxide	191	ND	ND
(+/-)-Borneol	15	ND	ND	Sabinene Hydrate	21	ND	ND

**Total Terpenes: 1.01 %**

Sample Prepared By: 012	Date/Time: 6/19/2023 15:51	Sample Analyzed By: 012	Date/Time: 6/19/2023 16:13
Batch Reviewed By: 012	Date/Time: 6/19/2023 16:18	Analysis #: 06172023 Terps1.batch.bin	
Specimen wt: 0.5198		Dilution: 50	
Analysis Method: TM-004 Terpenes		Instrument Used: LI-GCMS	

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<b>Client:</b> Sunburn	Batch Date: 6/16/2023	Sampling Method: LAB-028	Cultivation Facility: Winter Garden
Address: 25548 County Rd 44A	Extracted From: 8998 4361 2197 26C	Matrix: Flower	Cultivation Date: 5/3/2023
Address: Eustis, FL 32736	Cultivars: String Bikini	Test Reg State: Cannabis FL	Production Facility: Winter Garden
	Description: String Bikini - Flower		Production Date: 6/14/2023

## PESTICIDES PASSED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status	Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Abamectin	14.3	100	ND	Pass	Acephate	8.4	100	ND	Pass
Acequinocyl	14.4	100	ND	Pass	Acetamiprid	9.3	100	ND	Pass
Aldicarb	11.4	100	ND	Pass	Azoxystrobin	14	100	ND	Pass
Bifenazate	14.3	100	ND	Pass	Bifenthrin	11.1	100	ND	Pass
Boscalid	13.1	100	ND	Pass	Captan	13.3	700	ND	Pass
Carbaryl	14.2	500	ND	Pass	Carbofuran	8.4	100	ND	Pass
Chlorantraniliprole	26.4	1000	ND	Pass	Chlordane	10	100	ND	Pass
Chlorfenapyr	6.8	100	ND	Pass	Chlormequat chloride	23.1	1000	ND	Pass
Chlorpyrifos	15.6	100	ND	Pass	Clofentezine	13.6	200	ND	Pass
Coumaphos	3.9	100	ND	Pass	Cyfluthrin	7.6	500	ND	Pass
Cypermethrin	14	500	ND	Pass	Daminozide	13.5	100	ND	Pass
Diazinon	11.2	100	ND	Pass	Dichlorvos	14.4	100	ND	Pass
Dimethoate	15.1	100	ND	Pass	Dimethomorph	16.7	200	ND	Pass
Ethoprophos	14.7	100	ND	Pass	Etofenprox	9.4	100	ND	Pass
Etoxazole	11.2	100	ND	Pass	Fenhexamid	13.7	100	ND	Pass
Fenoxycarb	14.4	100	ND	Pass	Fenpyroximate	12.9	100	ND	Pass
Fipronil	12.3	100	ND	Pass	Fonicamid	12.8	100	ND	Pass
Fludioxonil	12.5	100	ND	Pass	Hexythiazox	12.7	100	ND	Pass
Imazalil	14.4	100	ND	Pass	Imidacloprid	28.6	400	ND	Pass
Kresoxim-methyl	10	100	ND	Pass	Malathion	19.2	200	ND	Pass
Metalaxyl	12.2	100	ND	Pass	Methiocarb	14.6	100	ND	Pass
Methomyl	9.6	100	ND	Pass	Methyl parathion	9.1	100	ND	Pass
Mevinphos	11.4	100	ND	Pass	Myclobutanil	11.4	100	ND	Pass
Naled	15.1	250	ND	Pass	Oxamyl	7.6	500	ND	Pass
Paclobutrazol	12.4	100	ND	Pass	Pentachloronitrobenzene	8.4	150	ND	Pass
Permethrin	9.7	100	ND	Pass	Phosmet	12.6	200	ND	Pass
Piperonylbutoxide	8	3000	ND	Pass	Prallethrin	13.2	100	ND	Pass
Propiconazole	14.6	100	ND	Pass	Propoxur	8.7	100	ND	Pass
Pyrethrins	25.0	500	ND	Pass	Pyridaben	12.4	200	ND	Pass
Spinetoram	12.2	200	ND	Pass	Spinosad A and D	11.8	100	ND	Pass
Spiromesifen	14.9	100	ND	Pass	Spirotetramat	13.5	100	ND	Pass
Spiroxamine	14.7	100	ND	Pass	Tebuconazole	13	100	ND	Pass
Thiacloprid	8.2	100	ND	Pass	Thiamethoxam	13.4	500	ND	Pass
Trifloxystrobin	7	100	ND	Pass					

Sample Prepared By: 025	Date/Time: 6/20/2023 12:30	Specimen wt (g): 1.0334	Dilution: 125	Analysis # 2023_06_20 GC2 PEST1.batch.bin
Sample Analyzed By: 034	Date/Time: 6/20/2023 16:18	Analysis Method: TM-003 Pesticides		
Batch Reviewed By: 027	Date/Time: 6/20/2023 15:30	Instrument Used: GC/MS/MS		

  

Sample Prepared By: 025	Date/Time: 6/20/2023 12:30	Specimen wt (g): 1.0334	Dilution: 125	Analysis # 2023_06_17 LC1 PEST2.batch.bin
Sample Analyzed By: 034	Date/Time: 6/20/2023 16:18	Analysis Method: TM-002 Pesticides and Mycotoxins		
Batch Reviewed By: 027	Date/Time: 6/20/2023 15:30	Instrument Used: LC/MS/MS		

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*A. Repay*  
**Anthony Repay**      **Lab**  
**Director-Micro**      **06/20/2023 16:51**



# Certificate of Analysis

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Order Date: 6/14/2023	Completion Date: 06/20/2023 16:51	Seed to Sale #: 8998 4361 2197 2609
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Sampling Date: 6/16/2023 00:06	Total Batch Wgt or Vol: 11,599 g	Lot ID: 8998 4361 2197 2609

<b>Client:</b> Sunburn	Batch Date: 6/16/2023	Sampling Method: LAB-028	Cultivation Facility: Winter Garden
Address: 25548 County Rd 44A	Extracted From: 8998 4361 2197 260	Matrix: Flower	Cultivation Date: 5/3/2023
Address: Eustis, FL 32736	Cultivars: String Bikini	Test Reg State: Cannabis FL	Production Facility: Winter Garden
	Description: String Bikini - Flower		Production Date: 6/14/2023

## HEAVY METALS PASSED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Lead	20.7	500	ND	Pass
Arsenic	26.2	200	ND	Pass
Cadmium	18.9	200	ND	Pass
Mercury	28.4	200	ND	Pass

Sample Prepared By: 028	Date/Time: 6/20/2023 10:40	Sample Analyzed By: 028	Date/Time: 6/20/2023 11:31
Batch Reviewed By: 028	Date/Time: 6/20/2023 11:35	Analysis #	ICPMS_1
Specimen wt (g): 0.5401		Dilution:	250
Analysis Method: TM-006 Heavy Metals		Instrument Used:	ICP-MS

## RESIDUAL SOLVENTS NOT TESTED

Analyte	LOD (mg/kg)	Action Level (mg/kg)	Result (mg/kg)	Status
Acetone				N/A
Acetonitrile				N/A
Benzene				N/A
Butane				N/A
Chloroform				N/A
1,2-Dichloroethane				N/A
1,1-Dichloroethene				N/A
Ethanol				N/A
Ethyl acetate				N/A
Ethyl ether				N/A
Ethylene oxide				N/A
Heptane				N/A
Hexane				N/A
Isopropyl alcohol				N/A
Methanol				N/A
Methylene chloride				N/A
Pentane				N/A
Propane				N/A
Trichloroethylene				N/A
Toluene				N/A
Total xylenes				N/A

## TOTAL CONTAMINANT LOAD

Analyte	Action Level (mg/kg)	Result (mg/kg)	Status
Heavy Metals/Pesticides	5	0	Pass

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
Batch Reviewed By:	Date/Time:	Analysis #	
Specimen wt (g):		Dilution:	
Analysis Method:		Instrument Used:	

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*A. Repay*  
**Anthony Repay**  
Lab Director-Micro

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**Sample #** 2306CBR0065-002  
Sampling Date: 6/16/2023 00:06

Receipt Date: 6/16/2023 14:06  
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Product Name: String Bikini - Flower  
Seed to Sale #: 8998 4361 2197 2609  
Batch #: 8998436121972609  
Lot ID: 8998 4361 2197 2609

**Client:** Sunburn  
Address: 25548 County Rd 44A  
Address: Eustis, FL 32736

Batch Date: 6/16/2023  
Extracted From: 8998 4361 2197 2609  
Cultivars: String Bikini  
Description: String Bikini - Flower

Sampling Method: LAB-028  
Matrix: Flower  
Test Reg State: Cannabis FL

Cultivation Facility: Winter Garden  
Cultivation Date: 5/3/2023  
Production Facility: Winter Garden  
Production Date: 6/14/2023

## MYCOTOXINS PASSED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Aflatoxin B1	1.5	20	ND	Pass
Aflatoxin B2	2.7	20	ND	Pass
Aflatoxin G1	2.5	20	ND	Pass
Aflatoxin G2	2.5	20	ND	Pass
Ochratoxin A	2.9	20	ND	Pass
Total Aflatoxin				N/A

Sample Prepared By: Date/Time: Sample Analyzed By: Date/Time:  
025 6/20/2023 12:30 025 6/20/2023 14:27  
Batch Reviewed By: Date/Time: Analysis #  
029 6/20/2023 14:35 2023\_06\_17 LC1 PEST2.batch.bin  
Specimen wt (g): Dilution:  
1.0334 125  
Analysis Method: Instrument Used:  
TM-002 Pesticides and Mycotoxins LC/MS/MS

## TOTAL YEAST AND MOLD PASSED

Analyte	Action Level (cfu/g)	Result (cfu/g)	Status
Total Combined Yeasts & Molds	100000	0.0	Pass

Sample Prepared By: Date/Time: Sample Analyzed By: Date/Time:  
022 6/20/2023 9:38 022 6/20/2023 9:40  
Batch Reviewed By: Date/Time: Analysis #  
027 6/20/2023 11:07 1  
Specimen wt (g): Dilution:  
1.01 1000  
Analysis Method: Instrument Used:  
TM-012 Yeast and Molds Incubator

## MICROBIAL PASSED

Analyte	Action Level (present in 1 g)	Result (present in 1 g)	Status
Salmonella	Present	Absent	Pass
Shiga Toxin E. coli	Present	Absent	Pass
Total Aspergillus*	Present	Absent	Pass

Sample Prepared By: Date/Time: Sample Analyzed By: Date/Time:  
022 6/20/2023 8:30 022 6/20/2023 8:32  
Batch Reviewed By: Date/Time: Analysis #  
027 6/20/2023 10:56 1  
Specimen wt (g): Dilution:  
1.00 1  
Analysis Method: Instrument Used:  
TM-011 Microbiology qPCR

\* Total Aspergillus represents the sum of the results of Aspergillus flavus, Aspergillus fumigatus, Aspergillus niger, and Aspergillus terreus.

## FILTH & FOREIGN MATERIAL PASSED

Analyte	Action Level	Result	Status
Feces Amount (mg/kg)	0.5	0.000	Pass
Filth (%)	1	0.000	Pass

Sample Analyzed By: Date/Time:  
031 6/19/2023 14:06  
Batch Reviewed By: Date/Time: Analysis #  
027 6/20/2023 11:06 FF  
Specimen wt (g):  
15.0  
Analysis Method: Instrument Used:  
TM-010 Filth and Foreign Material Electronic Balance

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*A. Repay*  
**Anthony Repay** Lab Director-Micro

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Address: 25548 County Rd 44A	Extracted From: 8998 4361 2197 260	Matrix: Flower	Cultivation Date: 5/3/2023
Address: Eustis, FL 32736	Cultivars: String Bikini	Test Reg State: Cannabis FL	Production Facility: Winter Garden
	Description: String Bikini - Flower		Production Date: 6/14/2023

WATER ACTIVITY		PASSED	
Analyte	Action Level (aw)	Result (aw)	Status
Water Activity	0.65	0.51	Pass
Sample Analyzed By:	Date/Time		
045	6/17/2023 18:15		
Batch Reviewed By:	Date/Time:	Analysis #	
027	6/19/2023 10:24	WA	
Specimen wt (g):			
1.04			
Analysis Method:	Instrument Used:		
TM-007 Water Activity	Water Activity Probe		

MOISTURE		PASSED	
Analyte	Action Level (%)	Result (%)	Status
Moisture Content	15	12.7	Pass
Sample Analyzed By:	Date/Time:		
045	6/17/2023 18:14		
Batch Reviewed By:	Date/Time:	Analysis #	
027	6/19/2023 10:24	MC	
Specimen wt (g):			
1.02			
Analysis Method:	Instrument Used:		
TM-008 Moisture Content	Moisture Analyzer		

TOTAL AEROBIC BACTERIA NOT TESTED			
Analyte	Action Level (cfu/g)	Result (cfu/g)	Status
Total Aerobic Bacteria			N/A
Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
Batch Reviewed By:	Date/Time:	Analysis #	
Specimen wt (g):		Dilution:	
Analysis Method:		Instrument Used:	

Definitions and Abbreviations used in this report: Total THC = Delta 9 THC + (THCA\*0.877), Total CBD = CBD + (CBDA\*0.877), Total Cannabinoids = THC + THCA + CBD + CBDA + CBG + CBGA + Delta 8 THC + THCV + CBDV + CBC + CBN, Total THC and Total CBD are expressed as mg in total package weight, (Dilution) = Dilution Factor, (%) = Percent, (mg/g) = Milligrams per Gram, (mg/mL) = Milligrams per Milliliter, (mg/kg) = Milligrams per Kilogram, (ug/kg) = Microgram per Kilogram, (cfu/g) = Colony Forming Unit per Gram, Action Limit of Absent is equivalent to < 1 cfu/g, (aw) = Water Activity, (LOD) = Limit of Detection, (LOQ) = Limit of Quantitation; (ppm) = parts per million; (ppb) = parts per billion; Units for ppm also expressed as (mg/kg); Units for ppb also expressed as (ug/kg).  
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*A. Repay*  
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**Director-Micro**