



# Certificate of Analysis

**Order #** 2309CBR0100      Receipt Date: 9/26/2023 12:09      Product Name: RS-11 - Flower  
**Order Date:** 9/26/2023      Completion Date: 09/29/2023 11:13      Seed to Sale #: 7433 4352 1146 5164  
**Sample #** 2309CBR0100-004      Initial Gross Weight: 28.40 g      Batch #: 7433435211465164  
**Sampling Date:** 9/26/2023 00:09      Total Batch Wgt or Vol: 4,228 g      Lot ID: 7433 4352 1146 5164

**Client:** Sunburn      Batch Date: 9/26/2023      Sampling Method: LAB-028      Cultivation Facility: Eustis  
**Address:** 25548 County Rd 44A      Extracted From: 7433 4352 1146 516      Matrix: Flower      Cultivation Date: 9/25/2023  
**Address:** Eustis, FL 32736      Cultivars: RS-11      Test Reg State: Cannabis FL      Production Facility: Eustis  
 Description: RS-11 - Flower      Production Date: 9/26/2023

SUMMARY			TESTED			
TESTED	TESTED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED
Potency	Terpenes	Pesticides	Heavy Metals	Total Contaminant Load	Residual Solvents	Total Aerobic Bacteria
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED
Mycotoxins	Microbials	Total Yeast and Mold	Filth and Foreign Material	Water Activity	Moisture	Homogeneity

POTENCY		TESTED			
Analyte	LOD (mg/g)	Result (mg/g)	Result %	mg/unit	
THCA	0.000012	177	17.7	619.44	■
CBGA	0.000008	6.82	0.682	23.856	■
d9-THC	0.00002	5.52	0.552	19.331	■
CBG	0.000015	1.33	0.133	4.646	■
CBD	0.00001	1.31	0.131	4.588	■
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	

POTENCY SUMMARY			
Total THC <b>16.1%</b> As Received	Total THC/Unit <b>562.6 mg</b> As Received	THC Label Claim N/A N/A	Total Cannabinoids <b>19.2%</b> As Received
Total CBD <b>0.131%</b> As Received	Total CBD/Unit <b>4.588 mg</b> As Received	CBD Label Claim N/A N/A	Total Cannabinoids/Unit <b>671.86 mg</b> As Received

TERPENES SUMMARY		
Analyte	Result (ug/g)	Result %
D-Limonene	5355	0.536
E-Caryophyllene	4301.15	0.430
Linalool	3511.33	0.351
alpha-Humulene	1360.19	0.136
Terpineol	1322.32	0.132
Endo-Fenchyl Alcohol	1320.09	0.132
beta-Pinene	913.703	0.091
alpha-Pinene	738.359	0.074
beta-Myrcene	589.306	0.059
alpha-Bisabolol	571.036	0.057

**Total Terpenes: 2.19%**  
 Showing top 10 Terpenes, full analysis on the following page.

**Sample Prepared By:** Date/Time:      **Sample Analyzed By:** Date/Time:  
 032      9/27/2023 15:50      032      9/28/2023 11:57

**Batch Reviewed By:** Date/Time:      **Analysis #**  
 027      9/28/2023 12:12      Potency HPLC.batch.bin

**Specimen wt (g):**      **Dilution:**  
 0.5445      1000

**Analysis Method:**      **Instrument Used:**  
 TM-001 Potency      HPLC

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*  
**Anthony Repay**      **Lab Director-Micro**

**09/29/2023 11:13**



# Certificate of Analysis

<b>Order #</b> 2309CBR0100	Receipt Date: 9/26/2023 12:09	Product Name: RS-11 - Flower
Order Date: 9/26/2023	Completion Date: 09/29/2023 11:13	Seed to Sale #: 7433 4352 1146 5164
Sample # 2309CBR0100-004	Initial Gross Weight: 28.40 g	Batch #: 7433435211465164
Sampling Date: 9/26/2023 00:09	Total Batch Wgt or Vol: 4,228 g	Lot ID: 7433 4352 1146 5164

<b>Client:</b> Sunburn	Batch Date: 9/26/2023	Sampling Method: LAB-028	Cultivation Facility: Eustis
Address: 25548 County Rd 44A	Extracted From: 7433 4352 1146 516	Matrix: Flower	Cultivation Date: 9/25/2023
Address: Eustis, FL 32736	Cultivars: RS-11	Test Reg State: Cannabis FL	Production Facility: Eustis
	Description: RS-11 - Flower		Production Date: 9/26/2023

## TERPENES

## TESTED

Analyte	LOD (ug/g)	Result (ug/g)	Result %	Analyte	LOD (ug/g)	Result (ug/g)	Result %
alpha-Pinene	8	738.359	0.074	Camphene	10	155.403	0.016
Isopulegol	59	< LOQ	< LOQ	delta-3-Carene	16	ND	ND
alpha-Terpinene	94	ND	ND	Eucalyptol	56	ND	ND
gamma-Terpinene	6	76.6432	0.008	alpha-terpinolene	17	149.276	0.015
Linalool	18	3511.33	0.351	Geraniol	13	138.916	0.014
alpha-Humulene	21	1360.19	0.136	Z-Nerolidol	22	ND	ND
Menthol	44	ND	ND	E-Nerolidol	19	300.223	0.030
Guaiol	24	ND	ND	E-Caryophyllene	31	4301.15	0.430
Nerol	25	237.393	0.024	alpha-Bisabolol	20	571.036	0.057
Valencene	27	546.083	0.055	D-Limonene	15	5355	0.536
alpha-Cedrene	20	ND	ND	Sabinene	29	ND	ND
Endo-Fenchyl Alcohol	40	1320.09	0.132	Terpineol	31	1322.32	0.132
Pulegone	11	ND	ND	[+/-]-Camphor	62	ND	ND
Isoborneol	74	ND	ND	(+/-)-Fenchone	21	< LOQ	< LOQ
Ocimenes	31	141.255	0.014	Cedrol	7	ND	ND
Farnesene	130	ND	ND	Geranyl acetate	19	ND	ND
alpha-Phellandrene	19	ND	ND	beta-Pinene	26	913.703	0.091
beta-Myrcene	50	589.306	0.059	Caryophyllene Oxide	191	ND	ND
(+/-)-Borneol	15	166.432	0.017	Sabinene Hydrate	21	< LOQ	< LOQ

**Total Terpenes: 2.19 %**

Sample Prepared By: 048	Date/Time: 9/27/2023 11:47	Sample Analyzed By: 039	Date/Time: 9/28/2023 15:07
Batch Reviewed By: 027	Date/Time: 9/28/2023 15:30	Analysis #: 09272023 Terps 1.batch.bin	
Specimen wt: 0.5156		Dilution: 50	
Analysis Method: TM-004 Terpenes		Instrument Used: LI-GCMS	

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<b>Client:</b> Sunburn	Batch Date: 9/26/2023	Sampling Method: LAB-028	Cultivation Facility: Eustis
Address: 25548 County Rd 44A	Extracted From: 7433 4352 1146 516	Matrix: Flower	Cultivation Date: 9/25/2023
Address: Eustis, FL 32736	Cultivars: RS-11	Test Reg State: Cannabis FL	Production Facility: Eustis
	Description: RS-11 - Flower		Production Date: 9/26/2023

## 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	Clofentazine	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: 9/28/2023 11:43	Specimen wt (g): 1.0496	Dilution: 125	Analysis # 2023_09_27 GC2 Pest1.batch.bin
Sample Analyzed By: 025	Date/Time: 9/28/2023 12:04	Analysis Method: TM-003 Pesticides		
Batch Reviewed By: 027	Date/Time: 9/28/2023 13:20	Instrument Used: GC/MS/MS		
Sample Prepared By: 025	Date/Time: 9/28/2023 11:43	Specimen wt (g): 1.0496	Dilution: 125	Analysis # 2023_09_27 LC2 PEST1.batch.bin
Sample Analyzed By: 025	Date/Time: 9/28/2023 12:04	Analysis Method: TM-002 Pesticides and Mycotoxins		
Batch Reviewed By: 027	Date/Time: 9/28/2023 13:20	Instrument Used: LC/MS/MS		

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*A. Repay*  
**Anthony Repay**      **Lab**  
**Director-Micro**      **09/29/2023 11:13**



# Certificate of Analysis

**Order #** 2309CBR0100      Receipt Date: 9/26/2023 12:09      Product Name: RS-11 - Flower  
**Order Date:** 9/26/2023      Completion Date: 09/29/2023 11:13      Seed to Sale #: 7433 4352 1146 5164  
**Sample #** 2309CBR0100-004      Initial Gross Weight: 28.40 g      Batch #: 7433435211465164  
**Sampling Date:** 9/26/2023 00:09      Total Batch Wgt or Vol: 4,228 g      Lot ID: 7433 4352 1146 5164

**Client:** Sunburn      Batch Date: 9/26/2023      Sampling Method: LAB-028      Cultivation Facility: Eustis  
**Address:** 25548 County Rd 44A      Extracted From: 7433 4352 1146 5164      Matrix: Flower      Cultivation Date: 9/25/2023  
**Address:** Eustis, FL 32736      Cultivars: RS-11      Test Reg State: Cannabis FL      Production Facility: Eustis  
 Description: RS-11 - Flower      Production Date: 9/26/2023

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:	Date/Time:	Sample Analyzed By:	Date/Time:
028	9/27/2023 9:20	028	9/27/2023 16:43
Batch Reviewed By:	Date/Time:	Analysis #	
028	9/27/2023 16:45	ICPMS_1	
Specimen wt (g):		Dilution:	
0.1156		50	
Analysis Method:		Instrument Used:	
TM-006 Heavy Metals		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

  

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

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

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*A. Repay*  
**Anthony Repay**      Lab Director-Micro      09/29/2023 11:13



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<b>Client:</b> Sunburn	Batch Date: 9/26/2023	Sampling Method: LAB-028	Cultivation Facility: Eustis
Address: 25548 County Rd 44A	Extracted From: 7433 4352 1146 516	Matrix: Flower	Cultivation Date: 9/25/2023
Address: Eustis, FL 32736	Cultivars: RS-11	Test Reg State: Cannabis FL	Production Facility: Eustis
	Description: RS-11 - Flower		Production Date: 9/26/2023

## 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: 025	Date/Time: 9/28/2023 11:43	Sample Analyzed By: 025	Date/Time: 9/28/2023 12:01
Batch Reviewed By: 027	Date/Time: 9/28/2023 13:22	Analysis #	2023_09_27 LC2 PEST1 .batch.bin
Specimen wt (g): 1.0496		Dilution: 125	
Analysis Method: TM-002 Pesticides and Mycotoxins		Instrument Used: LC/MS/MS	

## TOTAL YEAST AND MOLD PASSED

Analyte	Action Level (cfu/g)	Result (cfu/g)	Status
Total Combined Yeasts & Molds	100000	3000	Pass

Sample Prepared By: 022	Date/Time: 9/29/2023 9:17	Sample Analyzed By: 022	Date/Time: 9/29/2023 9:25
Batch Reviewed By: 027	Date/Time: 9/29/2023 9:57	Analysis #	1
Specimen wt (g): 1.03		Dilution: 1000	
Analysis Method: TM-012 Yeast and Molds		Instrument Used: 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: 043	Date/Time: 9/27/2023 13:19	Sample Analyzed By: 022	Date/Time: 9/28/2023 13:37
Batch Reviewed By: 027	Date/Time: 9/28/2023 14:18	Analysis #	1
Specimen wt (g): 1.00		Dilution: 1	
Analysis Method: TM-011 Microbiology		Instrument Used: 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: 031	Date/Time: 9/27/2023 16:09		
Batch Reviewed By: 027	Date/Time: 9/28/2023 9:09	Analysis #	FF
Specimen wt (g): 15.0			
Analysis Method: TM-010 Filth and Foreign Material		Instrument Used: Electronic Balance	

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

09/29/2023 11:13





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<b>Client:</b> Sunburn	Batch Date: 9/26/2023	Sampling Method: LAB-028	Cultivation Facility: Eustis
Address: 25548 County Rd 44A	Extracted From: 7433 4352 1146 516	Matrix: Flower	Cultivation Date: 9/25/2023
Address: Eustis, FL 32736	Cultivars: RS-11	Test Reg State: Cannabis FL	Production Facility: Eustis
	Description: RS-11 - Flower		Production Date: 9/26/2023

WATER ACTIVITY		PASSED	
Analyte	Action Level (aw)	Result (aw)	Status
Water Activity	0.65	0.49	Pass
Sample Analyzed By: 045	Date/Time: 9/27/2023 16:31		
Batch Reviewed By: 027	Date/Time: 9/28/2023 9:49	Analysis # WA	
Specimen wt (g): 1.04			
Analysis Method: TM-007 Water Activity	Instrument Used: Water Activity Probe		

MOISTURE		PASSED	
Analyte	Action Level (%)	Result (%)	Status
Moisture Content	15	11.4	Pass
Sample Analyzed By: 045	Date/Time: 9/27/2023 16:37		
Batch Reviewed By: 027	Date/Time: 9/28/2023 9:49	Analysis # MC	
Specimen wt (g): 1.02			
Analysis Method: TM-008 Moisture Content	Instrument Used: 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*  
**Anthony Repay**      **Lab Director-Micro**      **09/29/2023 11:13**