

Lab State Certification/License: CMTL-00010

T311409



**Fluent** 

Client Lic#: MMTC-2015-0003 5251 E. Diana St Tampa, FL 33610 (352) 318-3183 Tampa Compliance samples



Seed to Sale: 2234 9076 6631 4329 Retail Batch#: 0450 0742 8223 6891 Retail Batch Total Wt/Vol: 4537.5g Retail Batch Total Units 3025 Retail Batch Date: 11/01/2023 Cultivation Facility: Tampa Cultivation Processing Facility: Tampa Processing Cultivar: Ruby Grand Sampling SOP 1260

Compliance for Retail:

Ruby Grand 1.5g Pre-roll(s) (.053 oz) 3 units

Sample ID: T311409-01 Matrix: Flower Inhalable Total Sample Received: 27g Total Units Received: 18 Unit Weight: 1.5g

11/22/2023 Date Sampled: Date Received: 11/22/2023 Date Reported: 11/28/2023

Moisture

## Safety Summary

Foreign **Materials PASS** 

**Heavy Metals PASS** 

**PASS** 

Homogeneity

**Label Claim** 

**Microbials** 

Content **PASS** 

**NOT TESTED** 

**NOT TESTED TCL** 

**PASS Terpenes** 

Water

Mycotoxins **PASS** 

**Pesticides PASS** 

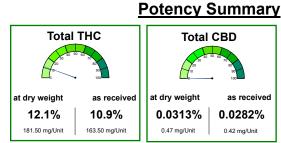
Residual Solvents **NOT TESTED** 

**PASS** 

**TESTED** 

**Activity PASS** 









**Terpenes Summary** 

Date Prepared: 11/22/2023 15:22 Date Analyzed: 11/23/2023 01:25 Prep ID: 4599 Analyzed ID: 2447 Lab Batch: 2347054

Specimen Wt: 0.51 g Instrument: GCMS Prep/Analysis Method: SOP1360 Cannabinoids (dry weight)

Date Prepared: 11/22/2023 14:47 Date Analyzed: 11/22/2023 17:47 Lab Batch: 2347078

Specimen Wt: 0.508 g Instrument: HPLC VWD Prep/Analysis Method: SOP 1357

Analyte	Dilution	LOD	Results	Analyte	Dilution	LOD		Results	Result
Farnesene	1	% 0.0274	0.273	Occasional (ODO)	4	%	%	% ND	mg/g
				Cannabichromene (CBC)	1	0.0110		ND	ND
E-Caryophyllene	1	0.00548	0.146	Cannabidiol (CBD)	1	0.0110		ND	ND
Linalool	1	0.00548	0.0657	Cannabidiolic acid (CBDA)	1	0.0110		0.0357	0.357
alpha-Humulene	1	0.00548	0.0648	Cannabidivarin (CBDV)	1	0.0110		ND	ND
D-Limonene	1	0.00548	0.0376	Cannabigerol (CBG)	1	0.0110		0.0869	0.869
E-Nerolidol	1	0.00548	0.0272	Cannabigerolic acid (CBGA)	1	0.0110		0.362	3.62
alpha Bisabolol, L	1	0.00548	0.0268	Cannabinol (CBN)	1	0.0110		ND	ND
alpha-Terpineol	1	0.00548	0.0264	d8 - Tetrahydrocannabinoid (d8-THC)	1	0.0110		ND	ND
alpha-Fenchyl alcohol, (+)-	1	0.00548	0.0206	d9 - Tetrahydrocannabinoid (d9-THC)	1	0.0110		0.501	5.01
beta-Myrcene	1	0.00548	0.0190	d9 - Tetrahydrocannabinolic acid (THCA)	1	0.0110		13.2	132
Geranyl Acetate	1	0.00548	0.0103	Tetrahydrocannabivarin (THCV)	1	0.0110		ND	ND
beta-Pinene	1	0.00548	0.00841	Total THC				12.1	121
Borneol	1	0.00548	0.00779	Total CBD				0.0313	0.313
alpha-Pinene	1	0.00548	0.00646	Total Cannabinoids				14.2	142
Caryophyllene Oxide	1	0.00548	0.00639					17.2	172
Total Terpenes			0.746	Total THC= THCa * 0.877 + d9-THC. Total CBD= CBDa * 0.877 + CB mg/Unit = Unit Weight g * Total THC/CBD mg/g	U.				

Terpene results are provided for informational purposes only.

LOD = Limit of Detection; ND = Not Detected

OD = Limit of Detection; ND = Not Detected

TerpLife Labs

10350 Fisher Ave, Tampa, Florida 33619 813-726-3103 / www.terplifelabs.com

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Brian C. Spann Laboratory Director



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**PASS** Compliance for Retail:

Ruby Grand 1.5g Pre-roll(s) (.053 oz) 3 units

Sample ID: T311409-01 Matrix: Flower Inhalable

**Pesticides** 

Total Sample Received: 27g Total Units Received: 18 Unit Weight: 1.5g

Date Sampled: 11/22/2023 Date Received: 11/22/2023 Date Reported: 11/28/2023

**Pass** 

Prep Mehtod: SOP 1363	Batch	Instrument		Analyzed		Analyst Prepped	Prepped	d By Spe	ecimen Wt. (g	) Ana	alysis SOP	<b>433</b>
Pesticide LCQQQ  * Pesticides GCQQQ	2347082 2347080	LCMSMS GCMSMS		11/23/2023 1 11/23/2023 5		2670 11/22/2023 3:28:00PM	4599		1.01 1.01		SOP1350 SOP1356	
						0754-2670 11/22/2023 3:25:00PM	4599					$\overline{}$
<u>Analyte</u>	DIL	Action Limit	LOD	Results	Status	Analyte	DIL	Action Limi	LOD	Results	Status	
Abamectin		ppb 1 100	ppb 10	ppb ND	Pass	Malathion	1	ppb 200	ppb 20	ppb ND	Pass	
		1 100	10	ND ND	Pass	Metalaxyl	1	100	10	ND	Pass	
Acephate						1						
Acequinocyl		1 100 1 100	10 10	ND ND	Pass Pass	Methiocarb Methomyl	1	100 100	10 10	ND ND	Pass Pass	
Acetamiprid						,						
Aldicarb		1 100	10	ND	Pass	Mevinphos	1	100	10	ND	Pass	
Azoxystrobin		1 100	10	ND	Pass	Myclobutanil	1	100	10	ND	Pass	
Bifenazate		1 100	10	ND	Pass	Naled	1	250	25	ND	Pass	
Bifenthrin		1 100	10	ND	Pass	Oxamyl	1	500	50	ND	Pass	
Boscalid		1 100	10	ND	Pass	Paclobutrazol	1	100	10	ND	Pass	
Carbaryl		1 500	50	ND	Pass	Permethrin	1	100	10	ND	Pass	
Carbofuran		1 100	10	ND	Pass	Phosmet	1	100	10	ND	Pass	
Chlorantraniliprole		1 1000	100	ND	Pass	Piperonyl butoxide	1	3000	300	ND	Pass	
Chlormequat Chloride	;	1 1000	100	ND	Pass	Prallethrin	1	100	10	ND	Pass	
Chlorpyrifos		1 100	10	ND	Pass	Propiconazole	1	100	10	ND	Pass	
Clofentezine		1 200	20	ND	Pass	Propoxur	1	100	10	ND	Pass	
Coumaphos		1 100	10	ND	Pass	Pyrethrins	1	500	50	ND	Pass	
Cyfluthrin		1 500	50	ND	Pass	Pyridaben	1	200	20	ND	Pass	
Cypermethrin		1 500	50	ND	Pass	Spinetoram, total	1	200	20	ND	Pass	
Daminozide		1 100	10	ND	Pass	Spinosad, total	1	100	10	ND	Pass	
Diazinon		1 100	10	ND	Pass	Spiromesifen	1	100	10	ND	Pass	
Dichlorvos		1 100	10	ND	Pass	Spirotetramat	1	100	10	ND	Pass	
Dimethoate		1 100	10	ND	Pass	Spiroxamine	1	100	10	ND	Pass	
Dimethomorph		1 200	20	ND	Pass	Tebuconazole	1	100	10	ND	Pass	
Ethoprophos		1 100	10	ND	Pass	Thiacloprid	1	100	10	ND	Pass	
Etofenprox		1 100	10	ND	Pass	Thiamethoxam	1	500	50	ND	Pass	
Etoxazole		1 100	10	ND	Pass	Trifloxystrobin	1	100	10	ND	Pass	
Fenhexamid		1 100	10	ND	Pass	Captan*	1	700	70	ND	Pass	
Fenoxycarb		1 100	10	ND	Pass	Chlordane*	1	100	10	ND	Pass	
Fenpyroximate		1 100	10	ND	Pass	Chlorfenapyr*	1	100	10	ND	Pass	
Fipronil		1 100	10	ND	Pass	Methyl parathion*	1	100	10	ND	Pass	
Flonicamid		1 100	10	ND	Pass	Pentachloronitrobenzene*	1	150	15	ND	Pass	
Fludioxonil		1 100	10	ND	Pass			.50	.0			1
Hexythiazox		1 100	10	ND	Pass							
Imazalil		1 100	10	ND	Pass							
Imidacloprid		1 400	40	ND	Pass							
Kresoxim-methyl		1 100	10	ND	Pass							
ra coomin-mounyi		1 100	10	שאו	1 035	1						

LOD = Limit of Detection: ND = Not Detected.

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\*- GCMSMS Pesticides



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**PASS** Compliance for Retail:

Ruby Grand 1.5g Pre-roll(s) (.053 oz) 3 units

Sample ID: T311409-01 Matrix: Flower Inhalable Total Sample Received: 27g Total Units Received: 18 Unit Weight: 1.5g

Date Sampled: Date Received: Date Reported:

11/22/2023 11/22/2023 11/28/2023

**Pass** 

**Pass** 

**Pass** 

**Pass** 

**Pass Mycotoxins** Date Prepared: 11/22/2023 15:28 Date Analyzed: 11/23/2023 01:57 Specimen Wt: 1.01 g Instrument: LCMSMS Prepped By: 4599 Analyzed By: 2670

Analysta

		,	
DIL	Action Limit	LOD	Results
	ppb	ppb	ppl

Analyte	DIL	Action Limit	LOD	Results	Status
		ppb	ppb	ppb	
Aflatoxin B1	1	20.0	2	ND	Pass
Aflatoxin B2	1	20.0	2	ND	Pass
Aflatoxin G1	1	20.0	2	ND	Pass
Aflatoxin G2	1	20.0	2	ND	Pass
Ochratoxin A	1	20.0	2	ND	Pass
LOD = Limit of Detection; ND = N	Not Detected.				

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## **Microbials**

Date Prepared: 11/22/2023 16:40 Date Analyzed: 11/25/2023 21:53 Lab Batch: 2347084

Prep ID: 1093 Analyst ID: 1093 Specimen Wt: 1.00 g

Instrument: qPCR

Analysis Method: SOP1353/1364 /1352

Analyte	Action Limit	LOD	Results	Status
	cfu/g	cfu/g	cfu/g	
Aspergillus Flavus	1	1	Absent in 1 gram	Pass
Aspergillus Fumigatus	1	1	Absent in 1 gram	Pass
Aspergillus Niger	1	1	Absent in 1 gram	Pass
Aspergillus Terreus	1	1	Absent in 1 gram	Pass
Salmonella	1	1	Absent in 1 gram	Pass
Shiga Toxin producing E. Co	li 1	1	Absent in 1 gram	Pass
Total Yeast and Mold*	100000	10000	<lod< td=""><td>Pass</td></lod<>	Pass

LOD = Limit of Detection; ND = Not Detected; <LOD=below LOD

Laboratory.
\* Analyzed by Plating

**Foreign Materials** 

Date Prepared: 11/22/2023 15:04 Date Analyzed: 11/22/2023 15:07

Analyst ID: 3780 Lab Batch: 2347079 Analysis Method: SOP1359

Analyte	Action Limit (% by wt)	Results	Status
Foreign Material	1.00	ND	Pass

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### **Total Contaminant Load**

	Action Limit ppb	Results	Status
Total Contaminant Load	5,000.00	ND	Pass
Heavy Metals & Pesticides			

**Heavy Metals Pass** 

Date Prepared: 11/22/2023 16:37 Date Analyzed: 11/22/2023 19:23 Instrument: ICPMS Analyzed By: 1094

Lab Batch: 2347081

Analyte	DIL	Action Limit	LOD	Results	Status
		ppb	ppb	ppb	
Arsenic	1	200	20	ND	Pass
Cadmium	1	200	20	ND	Pass
Lead	1	500	50	ND	Pass
Mercury	1	200	20	ND	Pass

LOD = Limit of Detection; ND = Not Detected

ise stated all quality control samples performed within specifications established by the Laboratory

Water Activity

Date Prepared: 11/22/2023 15:02 Date Analyzed: 11/22/2023 15:02 Analyst ID: 3780

Prep ID: 1150

Specimen Wt: 0.50 g

Analysis Method: SOP1355

Lab Batch: 2347079 Analyte Action Limit Result Status aW aW Water Activity **Pass** 0.65

ND = Not Detected

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#### **Moisture Content**

Date Prepared: 11/22/2023 20:24 Date Analyzed: 11/22/2023 20:24

Prep ID: 6555 Analyst ID: 6555

Specimen Wt: 0.85 g Instrument: Moisture Oven

Analysis Method: SOP 1355 Lab Batch: 2347083 Action Limit Analyte Result **Status** 10.1 Percent Moisture 15.0 **Pass** 

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Compliance for Retail:

**PASS** 

Ruby Grand 1.5g Pre-roll(s) (.053 oz) 3 units

Sample ID: T311409-01 Matrix: Flower Inhalable Total Sample Received: 27g Total Units Received: 18 Unit Weight: 1.5g

11/22/2023 Date Sampled: Date Received: 11/22/2023 Date Reported: 11/28/2023

## **Terpenes Summary**

Date Analyzed: 11/23/2023 01:25 Analy Lab Batch: 2347054	zed ID: 2447	Instrument: GCMS Prep/Analysis Method: SOP1360		
Analyte	Dilution	LOD	Results	
		%	%	
Farnesene	1	0.0274	0.273	
E-Caryophyllene	1	0.00548	0.146	
Linalool	1	0.00548	0.0657	
alpha-Humulene	1	0.00548	0.0648	
D-Limonene	1	0.00548	0.0376	
E-Nerolidol	1	0.00548	0.0272	
alpha Bisabolol, L	1	0.00548	0.0268	
alpha-Terpineol	1	0.00548	0.0264	
alpha-Fenchyl alcohol, (+)-	1	0.00548	0.0206	
beta-Myrcene	1	0.00548	0.0190	
Geranyl Acetate	1	0.00548	0.0103	
beta-Pinene	1	0.00548	0.00841	
Borneol	1	0.00548	0.00779	
alpha-Pinene	1	0.00548	0.00646	
Caryophyllene Oxide	1	0.00548	0.00639	
3-Carene (+)-	1	0.00548	ND	
alpha-Cedrene	1	0.00548	ND	
alpha-Phellandrene	1	0.00548	ND	
alpha-Terpinene	1	0.00548	ND	
beta-Ocimene	1	0.00548	ND	
Camphene	1	0.00548	ND	
Camphor	1	0.00548	ND	
Cedrol	1	0.00548	ND	
Eucalyptol	1	0.00548	ND	
Fenchone	1	0.00548	ND	
gamma-Terpinene	1	0.00548	ND	
Geraniol	1	0.00548	ND	
Guaiol	1	0.00548	ND	
Isoborneol	1	0.00548	ND	
Isopulegol	1	0.00548	ND	
Menthol	1	0.00548	ND	
Nerol	1	0.00548	ND	
p-Cymene	1	0.00548	ND	
Pulegone	1	0.00548	ND	
Sabinene	1	0.00548	ND	
Sabinene hydrate	1	0.00548	ND	
Terpinolene	1	0.00548	ND	
Valencene	1	0.00548	ND	
Z-Nerolidol	1	0.00548	ND	
Total Terpenes			0.746	

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Compliance for Retail:

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Sample ID: T311409-01 Matrix: Flower Inhalable Total Sample Received: 27g Total Units Received: 18 Unit Weight: 1.5g Date Sampled: 11/22/2023 Date Received: 11/22/2023 Date Reported: 11/28/2023

### Cannabinoids (as received)

 Date Prepared: 11/22/2023 14:47
 Prep ID: 4599
 Specimen Wt: 0.508 g

 Date Analyzed: 11/22/2023 17:47
 Analyst ID: 754
 Instrument: HPLC VWD

 Lab Batch: 2347078
 Prep/Analysis Method: SOP 1357

Analyte	Dilution	LOD		Results	Result
	Q.	%	%	%	mg/g
Cannabichromene (CBC)	1	0.0110		ND	ND
Cannabidiol (CBD)	1	0.0110		ND	ND
Cannabidiolic acid (CBDA)	1	0.0110		0.0321	0.321
Cannabidivarin (CBDV)	1	0.0110		ND	ND
Cannabigerol (CBG)	1	0.0110		0.0781	0.781
Cannabigerolic acid (CBGA)	1	0.0110		0.326	3.26
Cannabinol (CBN)	1	0.0110		ND	ND
d8 - Tetrahydrocannabinoid (d8-THC)	1	0.0110		ND	ND
d9 - Tetrahydrocannabinoid (d9-THC)	1	0.0110		0.450	4.50
d9 - Tetrahydrocannabinolic acid (THCA)	1	0.0110		11.9	119
Tetrahydrocannabivarin (THCV)	1	0.0110		ND	ND
Total THC				10.9	109
Total CBD				0.0282	0.282
Total Cannabinoids				12.8	128

**PASS** 

Total THC= THCa \* 0.877 + d9-THC. Total CBD= CBDa \* 0.877 + CBD

mg/Unit = Unit Weight g \* Total THC/CBD mg/g LOD = Limit of Detection; ND = Not Detected.

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