Regulatory Compliance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED: 06/16/2023

2306OPT2221.8657

SAMPLE NAME: RTZ (Batch ID: 203RTZ053123)

Matrix: Plant | Type: Flower - Cured
Strain Name: RTZ | Classification:

Scan QR code to verify authenticity of results.

CULTIVATOR/MANUFACTURER:

Business Name: Sonoran Roots
License: 00000037DCDM00904008

Address: 550 W. McKellips Rd, Mesa AZ 85201, AZ 85201

SAMPLE DETAIL:

Batch Number:
203RTZ053123

Date Received:
06/13/2023

Batch Size:
13 g

External Lot ID:

Sample Size:

Other Information:

Unit Mass:
g

CANNABINOID ANALYSIS SUMMARY

Total THC: 24.4911%
Δ9-THC + (THCa * 0.877)

Total Cannabinoids: 28.2580%
CBD + CBDa + CBG + CBGa + CBN + Δ8-THC + Δ9-THC + THCa + THCV

Total CBD: ND
CBD + (CBDa * 0.877)

SAFETY ANALYSIS SUMMARY

Pesticides:	☑ Pass	**Heavy Metals:**	☑ Pass	**Moisture:**	Not Tested
Mycotoxins:	Not Tested	**Residual Solvents:**	Not Tested	**Water Activity:**	Not Tested
Microbials:	☑ Pass	**Foreign Material:**	Not Tested		

TERPENE ANALYSIS SUMMARY — NOT TESTED

Data Reviewed by Symone Whalin, Laboratory Technical Director Designee

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CANNABINOID TEST RESULTS: 06/13/2023

Method: HPLC

24.4911% 24.4911% Total THC	**28.2580%** 28.2580% Total Cannabinoids
ND ND Total CBD	**NT** Moisture (Q3)

Analyte	Qualifier	LOQ	Result	Result
		%	%	mg/g
THCa		0.0300	27.5368	275.368
Δ9-THC		0.0300	0.3413	3.413
Δ8-THC		0.0300	ND	ND
CBDa		0.0200	ND	ND
CBD		0.0200	ND	ND
CBN		0.0040	ND	ND
CBG		0.0040	0.1415	1.415
CBGa		0.0040	0.2384	2.384
THCV		0.0040	ND	ND
Total THC			**24.4911**	**244.9107**
Total CBD			**ND**	**ND**
Total				

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MICROBIALS TEST RESULTS: 06/13/2023

☑ Pass

Method: BioRad qPCR

Analyte	Qualifier	Limits/Units	Result	Final Result
		CFU/g	CFU/g	
E. Coli		100	<40.0000	Pass
Yeast & Mold	Q3		NR	NT

Analyte	Qualifier	Limits/Units	Result	Final Result
Salmonella		1g	Not Detected	Pass
Aspergillus fumigatus		1g	Not Detected	Pass
Aspergillus niger		1g	Not Detected	Pass
Aspergillus flavus		1g	Not Detected	Pass
Aspergillus terreus		1g	Not Detected	Pass

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PESTICIDES TEST RESULTS: 06/13/2023

☑ Pass

Method: Agilent Ultivo LC/MS

Pesticides	Qualifier	LOQ PPM	Limit PPM	Result PPM	Final Result
Abamectin	V1L1	0.2500	0.5000	ND	Pass
Acephate		0.2000	0.4000	ND	Pass
Acequinocyl	V1L1	1.0000	2.0000	ND	Pass
Acetamiprid		0.1000	0.2000	ND	Pass
Aldicarb		0.2000	0.4000	ND	Pass
Azoxystrobin		0.1000	0.2000	ND	Pass
Bifenazate	L1	0.1000	0.2000	ND	Pass
Bifenthrin	V1L1	0.1000	0.2000	ND	Pass
Boscalid	V1L1	0.2000	0.4000	ND	Pass
Carbaryl		0.1000	0.2000	ND	Pass
Carbofuran		0.1000	0.2000	ND	Pass
Chlorantraniliprole	V1L1	0.1000	0.2000	ND	Pass
Chlorfenapyr	V1L1	0.5000	1.0000	ND	Pass
Chlorpyrifos		0.1000	0.2000	ND	Pass
Clofentezine	V1	0.1000	0.2000	ND	Pass
Cyfluthrin	V1L1	0.5000	1.0000	ND	Pass
Cypermethrin	V1L1	0.5000	1.0000	ND	Pass
Daminozide		0.5000	1.0000	ND	Pass
DDVP		0.0500	0.1000	ND	Pass
Diazinon		0.1000	0.2000	ND	Pass
Dimethoate		0.1000	0.2000	ND	Pass
Ethoprophos		0.1000	0.2000	ND	Pass
Etofenprox		0.2000	0.4000	ND	Pass
Etoxazole		0.1000	0.2000	ND	Pass
Fenoxycarb	V1L1	0.1000	0.2000	ND	Pass
Fenpyroximate	V1	0.2000	0.4000	ND	Pass
Fipronil		0.2000	0.4000	ND	Pass
Flonicamid		0.5000	1.0000	ND	Pass
Fludioxonil		0.2000	0.4000	ND	Pass

Pesticides	Qualifier	LOQ PPM	Limit PPM	Result PPM	Final Result
Hexythiazox	V1L1	0.5000	1.0000	ND	Pass
Imazalil		0.1000	0.2000	ND	Pass
Imidacloprid	V1L1	0.2000	0.4000	ND	Pass
Kresoxim Methyl		0.2000	0.4000	ND	Pass
Malathion		0.1000	0.2000	ND	Pass
Metalaxyl		0.1000	0.2000	ND	Pass
Methiocarb		0.1000	0.2000	ND	Pass
Methomyl		0.2000	0.4000	ND	Pass
Myclobutanil	V1	0.1000	0.2000	ND	Pass
Naled		0.2500	0.5000	ND	Pass
Oxamyl		0.5000	1.0000	ND	Pass
Paclobutrazol	V1	0.2000	0.4000	ND	Pass
Permethrins	V1L1	0.1000	0.2000	ND	Pass
Phosmet		0.1000	0.2000	ND	Pass
Piperonyl Butoxide		1.0000	2.0000	ND	Pass
Prallethrin	V1L1	0.1000	0.2000	ND	Pass
Propoxur		0.1000	0.2000	ND	Pass
Pyrethrins	V1L1	0.5000	1.0000	ND	Pass
Propiconazole		0.2000	0.4000	ND	Pass
Pyridaben	V1	0.1000	0.2000	ND	Pass
Spinosad		0.1000	0.2000	ND	Pass
Spiromesifen		0.1000	0.2000	ND	Pass
Spirotetramat	V1L1	0.1000	0.2000	ND	Pass
Spiroxamine		0.2000	0.4000	ND	Pass
Tebuconazole	V1	0.2000	0.4000	ND	Pass
Thiacloprid		0.1000	0.2000	ND	Pass
Thiamethoxam		0.1000	0.2000	ND	Pass
Trifloxystrobin		0.1000	0.2000	ND	Pass

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HEAVY METALS TEST RESULTS: 06/13/2023

☑ Pass

Method: Agilent 7800 ICP MS

Analyte	Qualifier	LOQ	Limit	Result	Final Result
		PPB	PPB	PPB	
Arsenic		200.00	400.00	ND	Pass
Cadmium		200.00	400.00	<LOQ	Pass
Lead		500.00	1000.00	<LOQ	Pass
Mercury		600.00	1200.00	<LOQ	Pass

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