



# Regulatory Compliance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED: 07/01/2023

2306OPT2378.9305

**SAMPLE NAME:** High School Sweethearts (Batch ID:

215SWH060723)

Matrix: Plant | Type: Flower - Cured  
Strain Name: High School Sweethearts | Classification:

**CULTIVATOR/MANUFACTURER:**

**Business Name:** Sonoran Roots  
**License:** 00000037DCDM00904008

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

**SAMPLE DETAIL:**

**Batch Number:**  
215SWH060723

**Date Received:**  
06/28/2023

**Batch Size:**  
13 g

**External Lot ID:**

**Sample Size:**

**Other Information:**

**Unit Mass:**  
g



Scan QR code to verify authenticity of results.

## CANNABINOID ANALYSIS SUMMARY

**Total THC:** 22.3831%  
 $\Delta^9$ -THC + (THCa \* 0.877)

**Total Cannabinoids:** 26.9569%  
CBD + CBDa + CBG + CBGa + CBN +  $\Delta^8$ -THC +  $\Delta^9$ -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: 06/28/2023

Method: HPLC

<p><b>22.3831%</b></p> <p>22.3831%</p> <p>Total THC</p>	<p><b>26.9569%</b></p> <p>26.9569%</p> <p>Total Cannabinoids</p>
<p><b>ND</b></p> <p>ND</p> <p>Total CBD</p>	<p><b>NT</b></p> <p>Moisture (Q3)</p>

Analyte	Qualifier	LOQ	Result	Result
		%	%	mg/g
THCa		0.0300	25.1737	251.737
Δ9-THC		0.0300	0.3058	3.058
Δ8-THC		0.0300	ND	ND
CBDa		0.0200	ND	ND
CBD		0.0200	ND	ND
CBN		0.0040	ND	ND
CBG		0.0040	0.1178	1.178
CBGa		0.0040	1.3596	13.596
THCV		0.0040	ND	ND
<b>Total THC</b>			<b>22.3831</b>	<b>223.8313</b>
<b>Total CBD</b>			<b>ND</b>	<b>ND</b>
<b>Total</b>				

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## MICROBIALS TEST RESULTS: 06/28/2023

Pass

Method: BioRad qPCR

Analyte	Qualifier	Limits/Units	Result	Final Result
E. Coli		CFU/g 100	CFU/g <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: 06/28/2023

Pass

Method: Agilent Ultivo LC/MS

Pesticides	Qualifier	LOQ	Limit	Result	Final Result	Pesticides	Qualifier	LOQ	Limit	Result	Final Result
		PPM	PPM	PPM				PPM	PPM	PPM	
Abamectin	V1	0.2500	0.5000	ND	Pass	Hexythiazox	M2	0.5000	1.0000	ND	Pass
Acephate		0.2000	0.4000	ND	Pass	Imazalil		0.1000	0.2000	ND	Pass
Acequinocyl		1.0000	2.0000	ND	Pass	Imidacloprid	V1M1	0.2000	0.4000	ND	Pass
Acetamiprid		0.1000	0.2000	ND	Pass	Kresoxim Methyl		0.2000	0.4000	ND	Pass
Aldicarb		0.2000	0.4000	ND	Pass	Malathion		0.1000	0.2000	ND	Pass
Azoxystrobin		0.1000	0.2000	ND	Pass	Metalaxyl		0.1000	0.2000	ND	Pass
Bifenazate		0.1000	0.2000	ND	Pass	Methiocarb		0.1000	0.2000	ND	Pass
Bifenthrin		0.1000	0.2000	ND	Pass	Methomyl		0.2000	0.4000	ND	Pass
Boscalid		0.2000	0.4000	ND	Pass	Myclobutanil		0.1000	0.2000	ND	Pass
Carbaryl		0.1000	0.2000	ND	Pass	Naled	R1	0.2500	0.5000	ND	Pass
Carbofuran		0.1000	0.2000	ND	Pass	Oxamyl		0.5000	1.0000	ND	Pass
Chlorantraniliprole		0.1000	0.2000	ND	Pass	Paclobutrazol	V1	0.2000	0.4000	ND	Pass
Chlorfenapyr	V1M3	0.5000	1.0000	ND	Pass	Permethrins	M2	0.1000	0.2000	ND	Pass
Chlorpyrifos		0.1000	0.2000	ND	Pass	Phosmet		0.1000	0.2000	ND	Pass
Clofentezine		0.1000	0.2000	ND	Pass	Piperonyl Butoxide		1.0000	2.0000	ND	Pass
Cyfluthrin		0.5000	1.0000	ND	Pass	Prallethrin		0.1000	0.2000	ND	Pass
Cypermethrin		0.5000	1.0000	ND	Pass	Propoxur		0.1000	0.2000	ND	Pass
Daminozide		0.5000	1.0000	ND	Pass	Pyrethrins		0.5000	1.0000	ND	Pass
DDVP		0.0500	0.1000	ND	Pass	Propiconazole		0.2000	0.4000	ND	Pass
Diazinon		0.1000	0.2000	ND	Pass	Pyridaben		0.1000	0.2000	ND	Pass
Dimethoate		0.1000	0.2000	ND	Pass	Spinosad		0.1000	0.2000	ND	Pass
Ethoprophos		0.1000	0.2000	ND	Pass	Spiromesifen		0.1000	0.2000	ND	Pass
Etofenprox		0.2000	0.4000	ND	Pass	Spirotetramat	V1M1	0.1000	0.2000	ND	Pass
Etoxazole		0.1000	0.2000	ND	Pass	Spiroxamine		0.2000	0.4000	ND	Pass
Fenoxycarb		0.1000	0.2000	ND	Pass	Tebuconazole		0.2000	0.4000	ND	Pass
Fenpyroximate		0.2000	0.4000	ND	Pass	Thiacloprid		0.1000	0.2000	ND	Pass
Fipronil		0.2000	0.4000	ND	Pass	Thiamethoxam		0.1000	0.2000	ND	Pass
Flonicamid	V1	0.5000	1.0000	ND	Pass	Trifloxystrobin	M2	0.1000	0.2000	ND	Pass
Fludioxonil		0.2000	0.4000	ND	Pass						

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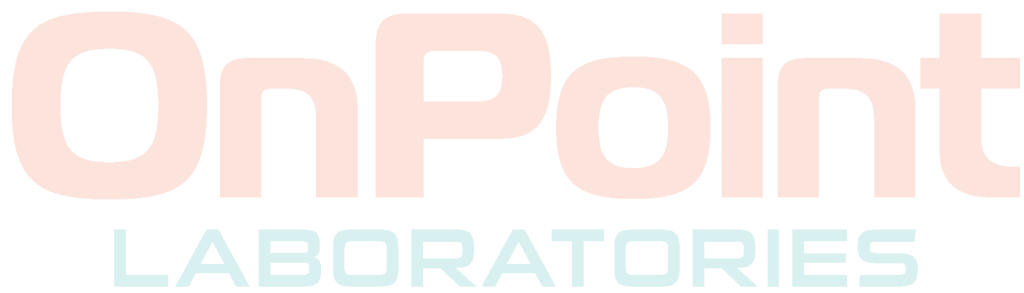
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## HEAVY METALS TEST RESULTS: 06/29/2023

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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