

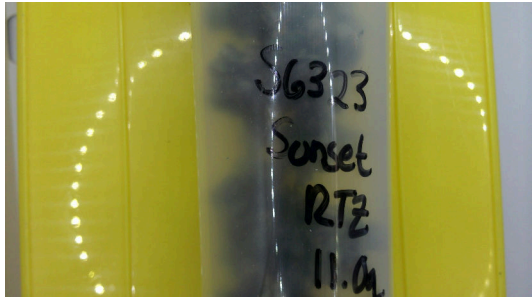
Releaf Brands

8060 E 22nd St
Tucson, AZ 85710
hannatempesta@gmail.com
(650) 678-4037
Lic. #00000081DCPK00962019

Sample: 2401LVL0044.0318
Secondary License: 00000144ESQK21738687; Chain of Distribution: Desert Bloom Releaf Center, Releaf85624
Strain: Sunset RTZ; Batch#: SG323 Sunset RTZ; Batch Size: 11 g
Sample Received: 01/11/2024; Report Created: 01/18/2024; Expires: 01/18/2025
Sampling Date: 01/10/2024; Sampling Time: 7; Sampling Person: Jess
Harvest Date: 12/20/2023; Manufacturing Date: 12/20/2023

SG323 Sunset RTZ
Plant, Flower - Cured, Outdoor



	12.62%	ND	15.32%
	Total THC	Total CBD	
11.51 mg/g	Complete		
Total Terpenes	Moisture 5.1%		

Cannabinoids

Complete

Analyte	LOQ %	Mass %	Mass mg/g	Qualifier
THCa	0.161	13.613	136.13	
Δ9-THC	0.161	0.684	6.84	
Δ8-THC	0.161	ND	ND	
THCVa	0.161	<LOQ	<LOQ	
THCV	0.161	ND	ND	
CBDa	0.161	ND	ND	
CBD	0.161	ND	ND	
CBDVa	0.161	ND	ND	
CBDV	0.161	ND	ND	
CBN	0.161	ND	ND	
CBGa	0.161	0.316	3.16	
CBG	0.161	<LOQ	<LOQ	
CBCa	0.161	0.707	7.07	Q3
CBC	0.161	<LOQ	<LOQ	
Total		15.319	153.19	

Qualifiers:
Date Tested: 01/15/2024 07:00 am
Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD
The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.

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SG323 Sunset RTZ
Plant, Flower - Cured, Outdoor





Terpenes


Analyte	LOQ	Mass	MassQualifier	Analyte	LOQ	Mass	MassQualifier
	mg/g	mg/g	%		mg/g	mg/g	%
Farnesene	0.02	5.41	0.541	cis-Nerolidol	0.20	ND	ND
β-Caryophyllene	0.20	2.62	0.262	Citronellol	0.98	ND	ND
δ-Limonene	0.20	0.85	0.085	Eucalyptol	0.10	ND	ND
α-Humulene	0.10	0.67	0.067	Fenchone	0.20	<LOQ	<LOQ
Fenchol	0.10	0.42	0.042	γ-Terpinene	0.10	ND	ND
Linalool	0.20	0.30	0.030	γ-Terpeneol	0.02	ND	ND
α-Pinene	0.10	0.27	0.027	Geraniol	1.96	ND	ND
α-Terpeneol	0.16	0.27	0.027	Geranyl Acetate	0.10	ND	ND
β-Myrcene	0.10	0.24	0.024	Guaiol	0.10	ND	ND
β-Pinene	0.20	0.21	0.021	Isoborneol	0.98	ND	ND
Caryophyllene	0.10	0.15	0.015	Isopulegol	0.10	ND	ND
Oxide				Menthol	0.10	ND	ND
cis-Ocimene	0.03	0.10	0.010	Nerol	0.10	ND	ND
3-Carene	0.20	ND	ND	Pulegone	0.10	ND	ND
α-Bisabolol	0.10	<LOQ	<LOQ	p-Cymene	0.10	ND	ND
α-Cedrene	0.10	ND	ND	Sabinene	0.10	ND	ND
α-Phellandrene	0.10	ND	ND	Sabinene Hydrate	0.10	ND	ND
α-Terpinene	0.10	ND	ND	Terpinolene	0.20	ND	ND
β-Eudesmol	0.10	ND	ND	trans-Nerolidol	0.10	ND	ND
Borneol	0.29	<LOQ	<LOQ	trans-Ocimene	0.06	ND	ND
Camphene	0.10	<LOQ	<LOQ	Valencene	0.10	ND	ND
Camphor	0.39	ND	ND				
Cedrol	0.10	ND	ND				


Primary Aromas


Magnolia


Cinnamon


Lemon


Hops


Basil

11.51 mg/g
Total Terpenes

Qualifiers:
Date Tested: 01/15/2024 07:00 am

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Qualifying code Q3: For informational purposes only.



Certificate of Analysis

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SG323 Sunset RTZ

Plant, Flower - Cured, Outdoor



Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.030	0.500	ND	Pass	M2	Hexythiazox	0.040	1.000	ND	Pass	
Acephate	0.040	0.400	ND	Pass		Imazailil	0.050	0.200	ND	Pass	
Acetamiprid	0.040	0.200	ND	Pass		Imidacloprid	0.050	0.400	ND	Pass	
Aldicarb	0.040	0.400	ND	Pass		Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.050	0.200	ND	Pass		Malathion	0.040	0.200	ND	Pass	
Bifenazate	0.050	0.200	ND	Pass		Metalaxyl	0.040	0.200	ND	Pass	
Bifenthrin	0.040	0.200	ND	Pass	M2	Methiocarb	0.040	0.200	ND	Pass	
Boscalid	0.040	0.400	ND	Pass		Methomyl	0.050	0.400	ND	Pass	
Carbaryl	0.050	0.200	ND	Pass		Myclobutanil	0.050	0.200	ND	Pass	
Carbofuran	0.050	0.200	ND	Pass		Naled	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass		Oxamyl	0.040	1.000	ND	Pass	
Chlorfenapyr	0.450	1.000	ND	Pass		Paclobutrazol	0.050	0.400	ND	Pass	
Chlorpyrifos	0.050	0.200	ND	Pass	M1	Permethrins	0.050	0.200	ND	Pass	M2
Clofentezine	0.050	0.200	ND	Pass		Phosmet	0.040	0.200	ND	Pass	
Cyfluthrin	0.450	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	ND	Pass	
Cypermethrin	0.050	1.000	ND	Pass		Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.450	1.000	ND	Pass		Propiconazole	0.050	0.400	ND	Pass	
Dichlorvos (DDVP)	0.040	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	
Diazinon	0.050	0.200	ND	Pass		Pyrethrins	0.460	1.000	ND	Pass	
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	
Ethoprophos	0.040	0.200	ND	Pass		Spinosad	0.050	0.200	ND	Pass	
Etofenprox	0.050	0.400	ND	Pass	M2	Spiromesifen	0.050	0.200	ND	Pass	
Etoxazole	0.040	0.200	ND	Pass		Spirotetramat	0.050	0.200	ND	Pass	
Fenoxycarb	0.050	0.200	ND	Pass		Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.040	0.400	ND	Pass		Tebuconazole	0.050	0.400	ND	Pass	
Fipronil	0.040	0.400	ND	Pass		Thiacloprid	0.050	0.200	ND	Pass	
Fonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass		Trifloxystrobin	0.050	0.200	ND	Pass	

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 01/15/2024 07:00 am
Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.



1525 N Granite Reef Rd
Scottsdale, AZ
(480) 867-1520
http://www.levelonelabs.com
Lic# 00000004LCIG00024823

Matthew Schuberth
Laboratory Director

Confident LIMS
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coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



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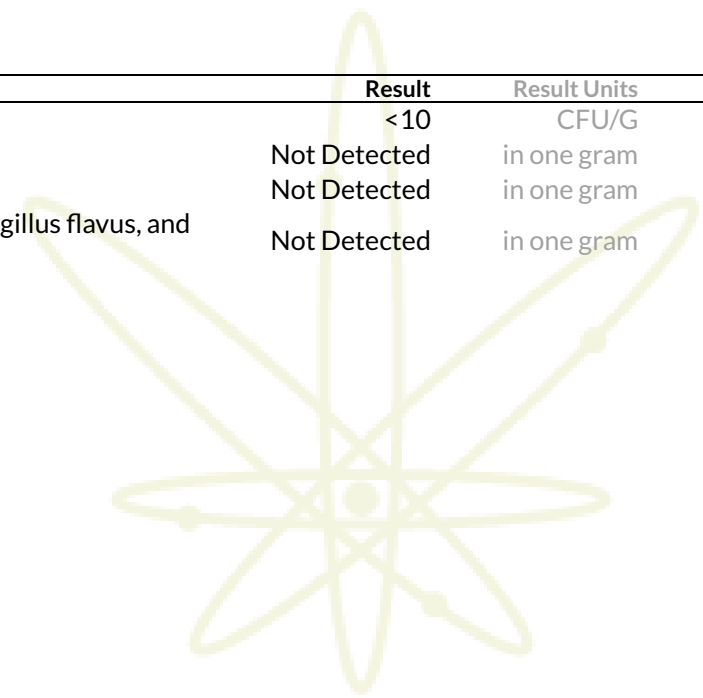
SG323 Sunset RTZ
Plant, Flower - Cured, Outdoor



Microbials

Pass

Analyte	Result	Result Units	Status	Qualifier
E. Coli	<10	CFU/G	Pass	
Salmonella	Not Detected	in one gram	Pass	
Aspergillus terreus	Not Detected	in one gram	Pass	
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass	



LEVEL ONE

Qualifiers:
Date Tested: 01/15/2024 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.

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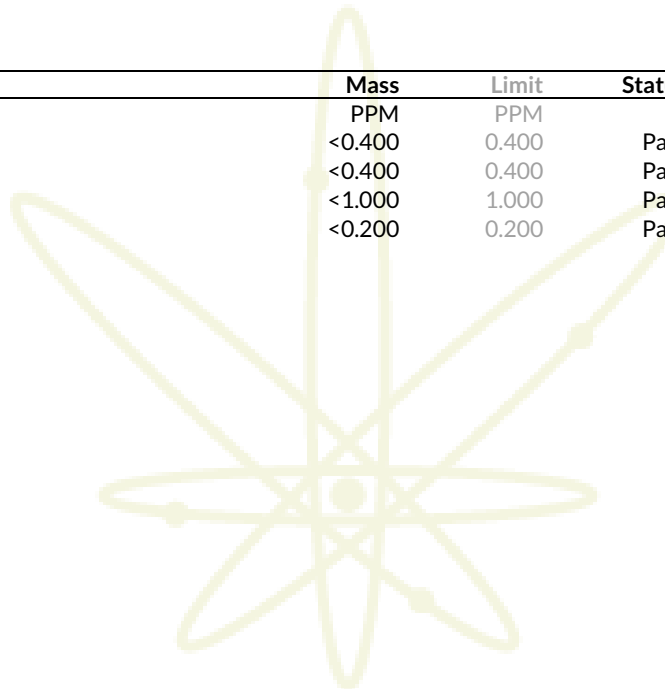
SG323 Sunset RTZ
Plant, Flower - Cured, Outdoor



Heavy Metals

Pass

Analyte	Mass	Limit	Status	Qualifier
	PPM	PPM		
Arsenic	<0.400	0.400	Pass	
Cadmium	<0.400	0.400	Pass	
Lead	<1.000	1.000	Pass	
Mercury	<0.200	0.200	Pass	



LEVEL ONE

Qualifiers:
Date Tested: 01/16/2024 07:00 am

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Subcontracted through IAS. Approved for all analytes by ICP-OES. Inter Ag Services Inc. Registration Certificate Identification Number: 00000009LCSL00311854