

# HEMP LABORATORY TEST CERTIFICATE OF ANALYSIS



## Hemp Analysis - Summary

Tested by high-performance liquid chromatography with ultraviolet detection (HPLC-UV).

TOTAL THC<sup>1</sup>

**NT<sup>2</sup>**

CANNABINOID PROFILE

NT Total CBD<sup>1</sup>

NT Total Cannabinoids<sup>3</sup>

Terpenes Not Tested



Scan to verify  
at sclabs.com

- 1) Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step: Total THC =  $\Delta^9\text{THC} + (\text{THCa} (0.877))$  and Total CBD =  $\text{CBD} + (\text{CBDa} (0.877))$ .
- 2) As defined by the 2018 Farm Bill, hemp must contain no more than 0.3% Total THC, defined as the concentration of delta-9 tetrahydrocannabinol ( $\Delta^9\text{-THC}$ ) post-decarboxylation - see formula above.
- 3) Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

## Additional Testing

Pass/Fail defined at action limits set by California Code of Regulations Title 16. Effective date: January 16, 2019. Authority: Section 26013, Business Professions Code. Reference: Sections 26100, 26104, and 26110, Business Professions Code.

RESIDUAL PESTICIDES

**PASSED**

## Rose Gold/ Old Fashioned

Tested for: RDSP Farms

Address:

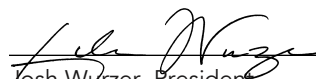
Batch #:

Sample ID: 191209T014

Date Collected: 12/09/2019

Date Received: 12/09/2019

## Final Approval

  
Josh Wurzer, President  
Date: 12/14/2019

These results relate only to the sample included on this report. This report shall not be reproduced except in full, without written approval of the laboratory. The uncertainty of measurement associated with the measurement result reported in this certificate is available from SC Laboratories upon request.



# HEMP LABORATORY TEST CERTIFICATE OF ANALYSIS

SC Laboratories, LLC  
100 Pioneer Street, Suite E  
Santa Cruz, CA 95060  
(866) 435-0709 | sclabs.com

Sample Name: Rose Gold/ Old Fashioned

LIMS Sample ID: 191209T014

Batch #:

Source Metr ID(s):

Sample Type: Concentrate, Product Inhalable

Batch Count:

Sample Count:

Unit Mass: 0.5 Grams per Unit

Serving Mass:

Density:

Date Collected: 12/09/2019

Date Received: 12/09/2019

Tested for: RDSP Farms

License #:

Address:

Produced by:

License #:

Address:

## Moisture Test Results

	Results (%)
Moisture	NT

## Cannabinoid Test Results

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/g	%	LOD / LOQ mg/g
Δ9THC	NT		
Δ8THC	NT		
THCa	NT		
THCV	NT		
THCVa	NT		
CBD	NT		
CBDa	NT		
CBDV	NT		
CBDVa	NT		
CBG	NT		
CBGa	NT		
CBL	NT		
CBN	NT		
CBC	NT		
CBCa	NT		

Sum of Cannabinoids:	NT
Total THC (Δ9THC+0.877*THCa)	NT
Total CBD (CBD+0.877*CBDa)	NT

	Action Limit mg
Δ9THC per Unit	NT
Δ9THC per Serving	NT

## Batch Photo



## Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g	%	LOD / LOQ mg/g
▣ Bisabolol	NT		
▣ Pinene	NT		
3 Carene	NT		
Borneol	NT		
▣ Caryophyllene	NT		
Geraniol	NT		
▣ Humulene	NT		
Terpinolene	NT		
Valencene	NT		
Menthol	NT		
Nerolidol	NT		
Camphene	NT		
Eucalyptol	NT		
▣ Cedrene	NT		
Camphor	NT		
(-)-Isopulegol	NT		
Sabinene	NT		
▣ Terpinene	NT		
▣ Terpinene	NT		
Linalool	NT		
Limonene	NT		
Myrcene	NT		
Fenchol	NT		
▣ Phellandrene	NT		
Caryophyllene Oxide	NT		
Terpineol	NT		
▣ Pinene	NT		
R-(+)-Pulegone	NT		
Geranyl Acetate	NT		
Citronellol	NT		
p-Cymene	NT		
Ocimene	NT		
Guaiol	NT		
Phytol	NT		
Isoborneol	NT		

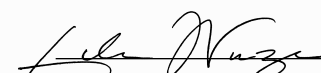
Total Terpene Concentration: NT

## Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019  
Authority: Section 26013, Business and Professions Code.  
Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com  
Sample must be marked as public to be viewable

  
Josh Wurzer, President  
Date: 12/14/2019



**HEMP LABORATORY TEST  
CERTIFICATE OF ANALYSIS**

SC Laboratories, LLC  
100 Pioneer Street, Suite E  
Santa Cruz, CA 95060  
(866) 435-0709 | sclabs.com

Sample Name: Rose Gold/ Old Fashioned  
LIMS Sample ID: 191209T014  
Batch #:  
Source Metric ID(s):  
  
Sample Type: Concentrate, Product Inhalable  
Batch Count:  
Sample Count:  
Unit Mass: 0.5 Grams per Unit  
Serving Mass:  
Density:

Date Collected: 12/09/2019  
Date Received: 12/09/2019  
Tested for: RDSP Farms  
  
License #:  
Address:  
  
Produced by:  
  
License #:  
Address:

**Pesticide Test Results - Pass 12/13/2019**

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry

		Results (µg/g)	Action Limit µg/g	Reporting Limit µg/g
Abamectin	Pass	ND	0.1	0.091
Bifenazate	Pass	ND	0.1	0.035
Bifenthrin	Pass	ND	3.0	0.038
Boscalid	Pass	ND	0.1	0.023
Etoxazole	Pass	ND	0.1	0.022
Imidacloprid	Pass	ND	5.0	0.050
Myclobutanil	Pass	ND	0.1	0.044
Piperonylbutoxide	Pass	ND	3.0	0.020
Pyrethrins	Pass	ND	0.5	0.036
Spinosad	Pass	ND	0.1	0.031
Spiromesifen	Pass	ND	0.1	0.015
Spirotetramat	Pass	ND	0.1	0.042

**Mycotoxin Test Results**

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

	Results (µg/kg)	Action Limit µg/kg	LOD / LOQ µg/kg
Aflatoxin B1, B2, G1, G2	NT		
Ochratoxin A	NT		

**Sample Certification**

California Code of Regulations Title 16 Effect Date January 16, 2019  
Authority: Section 26013, Business and Professions Code.  
Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com  
Sample must be marked as public to be viewable

*Josh Wurzer*  
Josh Wurzer, President  
Date: 12/14/2019



**HEMP LABORATORY TEST  
CERTIFICATE OF ANALYSIS**

SC Laboratories, LLC  
100 Pioneer Street, Suite E  
Santa Cruz, CA 95060  
(866) 435-0709 | sclabs.com

Sample Name: Rose Gold/ Old Fashioned

LIMS Sample ID: 191209T014

Batch #:

Source Metr ID(s):

Sample Type: Concentrate, Product Inhalable

Batch Count:

Sample Count:

Unit Mass: 0.5 Grams per Unit

Serving Mass:

Density:

Date Collected: 12/09/2019

Date Received: 12/09/2019

Tested for: RDSP Farms

License #:

Address:

Produced by:

License #:

Address:

**Residual Solvent Test Results**

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
1,2-Dichloroethane	NT		
Benzene	NT		
Chloroform	NT		
Ethylene Oxide	NT		
Methylene chloride	NT		
Trichloroethylene	NT		
Acetone	NT		
Acetonitrile	NT		
Butane	NT		
Ethanol	NT		
Ethyl acetate	NT		
Ethyl ether	NT		
Heptane	NT		
Hexane	NT		
Isopropyl Alcohol	NT		
Methanol	NT		
Pentane	NT		
Propane	NT		
Toluene	NT		
Total Xylenes	NT		

**Microbiological Test Results**

PCR and fluorescence detection of microbiological impurities

	Results	Action Limit
Shiga toxin-producing Escherichia coli	NT	
Salmonella spp.	NT	
Aspergillus fumigatus	NT	
Aspergillus flavus	NT	
Aspergillus niger	NT	
Aspergillus terreus	NT	

3M Petrifilm and plate counts for microbiological contamination

	Results (cfu/g)
Aerobic Plate Count	NT
Total Yeast and Mold	NT

**Foreign Material Test Results**

NT

**Water Activity Test Results**

	Results (Aw)	Action Limit Aw
Water Activity	NT	

**Heavy Metal Test Results**

Heavy metal analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Cadmium	NT		
Lead	NT		
Arsenic	NT		
Mercury	NT		

**Note**

**Sample Certification**

California Code of Regulations Title 16 Effect Date January 16, 2019  
Authority: Section 26013, Business and Professions Code.  
Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com  
Sample must be marked as public to be viewable

*Josh Wurzer*  
Josh Wurzer, President  
Date: 12/14/2019

# LABORATORY TEST REPORT CERTIFICATE OF ANALYSIS



## Test Analysis - Summary

### VITAMIN E TEST PANEL

Tested by high-performance liquid chromatography with ultraviolet detection (HPLC-UV).



COMPOUND	LOQ <sup>1</sup> (mg/g)	RESULT (mg/g)	RESULT (%)
Tocopheryl acetate	10	Not Detected	Not Detected
$\alpha$ -Tocopherol	10	Not Detected	Not Detected
$\delta$ -Tocopherol	10	Not Detected	Not Detected
$\beta$ - and $\gamma$ -Tocopherol <sup>2</sup>	10	Not Detected	Not Detected

1) Limit of quantification (LOQ)

2) Beta- and gamma-tocopherol reported as a sum

## Sample and Test Information

**Prepared for:** RDSP Farms

**Address:**

**Batch ID:**

**Sample ID:** 191209T014

**METRC Sample ID:**

**Date Collected:** 12/09/2019

**Date Received:** 12/09/2019

**Date Tested:** 12/14/2019

**Tested By:** Kevin Flores

**Details:**

Approved by: Josh Wurzer, President

Date: 12/14/2019

These results relate only to the sample included on this report. This report shall not be reproduced except in full, without written approval of the laboratory. The uncertainty of measurement associated with the measurement result reported in this certificate is available from SC Laboratories upon request.



Scan to verify