

SAMPLE NAME: Smoker's Blend Tea

Flower, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Sisters Of The Valley

License Number:

Address:
Merced CA 95348



SAMPLE DETAIL

Batch Number: Vine Moon Oct 2021

Sample ID: 211018M014

Date Collected: 10/18/2021

Date Received: 10/18/2021

Batch Size:

Sample Size: 28.0 grams

Unit Mass: 28 grams per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.17%

Total CBD: 5.868%

Sum of Cannabinoids: 6.74%

Total Cannabinoids: 6.433%

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
 Total THC = $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$
 Total CBD = $\text{CBD} + (\text{CBDa} \cdot 0.877)$
 Sum of Cannabinoids = $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$
 Total Cannabinoids = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

SAFETY ANALYSIS - SUMMARY

Pesticides: DETECTED

Mycotoxins: ND

Heavy Metals: DETECTED

Microbiology (PCR): ND

For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. 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.

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.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)



LOQ verified by: Yasmin Kakkar
Date: 10/21/2021



Approved by: Josh Wurzer, President
Date: 10/21/2021



Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 0.17%

Total THC ($\Delta 9$ THC+0.877*THCa)

TOTAL CBD: 5.868%

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 6.433%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta 8$ THC + CBL + CBN

TOTAL CBG: 0.14%

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.23%

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: <LOQ

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 10/20/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT mg/g	RESULT (mg/g)	RESULT (%)
CBD	0.1 / 0.3	±2.09	38.2	3.82
CBDA	0.06 / 0.22	±0.985	23.35	2.335
$\Delta 9$ THC	0.1 / 0.4	±0.07	1.7	0.17
CBC	0.1 / 0.2	±0.08	1.7	0.17
CBG	0.2 / 0.5	±0.08	0.9	0.09
CBCa	0.1 / 0.4	±0.06	0.7	0.07
CBGa	0.1 / 0.4	±0.04	0.6	0.06
CBN	0.07 / 0.20	±0.011	0.25	0.025
CBDV	0.1 / 0.3	N/A	<LOQ	<LOQ
$\Delta 8$ THC	0.05 / 0.50	N/A	ND	ND
THCa	0.04 / 0.24	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
THCVa	0.05 / 0.17	N/A	ND	ND
CBDVa	0.02 / 0.22	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
SUM OF CANNABINOIDS			67.40 mg/g	6.74%

Unit Mass: 28 grams per Unit

$\Delta 9$ THC per Unit	47.6 mg/unit
Total THC per Unit	47.6 mg/unit
CBD per Unit	1069.6 mg/unit
Total CBD per Unit	1643.04 mg/unit
Sum of Cannabinoids per Unit	1887.20 mg/unit
Total Cannabinoids per Unit	1801.24 mg/unit





Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 10/20/2021 DETECTED

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT µg/g	RESULT (µg/g)
Abamectin	0.03 / 0.10	N/A	ND
Acephate	0.02 / 0.07	N/A	ND
Acequinocyl	0.02 / 0.07	N/A	ND
Acetamiprid	0.02 / 0.05	N/A	ND
Aldicarb	0.03 / 0.08	N/A	ND
Azoxystrobin	0.02 / 0.07	N/A	ND
Bifenazate	0.01 / 0.04	N/A	<LOQ
Bifenthrin	0.02 / 0.05	N/A	<LOQ
Boscalid	0.03 / 0.09	N/A	ND
Captan	0.19 / 0.57	N/A	ND
Carbaryl	0.02 / 0.06	N/A	ND
Carbofuran	0.02 / 0.05	N/A	ND
Chlorantraniliprole	0.04 / 0.12	±0.010	0.19
Chlordane*	0.03 / 0.08	N/A	ND
Chlorfenapyr*	0.03 / 0.10	N/A	ND
Chlorpyrifos	0.02 / 0.06	N/A	ND
Clofentezine	0.03 / 0.09	N/A	ND
Coumaphos	0.02 / 0.07	N/A	ND
Cyfluthrin	0.12 / 0.38	N/A	ND
Cypermethrin	0.11 / 0.32	N/A	ND
Daminozide	0.02 / 0.07	N/A	ND
DDVP (Dichlorvos)	0.03 / 0.09	N/A	ND
Diazinon	0.02 / 0.05	N/A	ND
Dimethoate	0.03 / 0.08	N/A	ND
Dimethomorph	0.03 / 0.09	N/A	ND
Ethoprop(hos)	0.03 / 0.10	N/A	ND
Etofenprox	0.02 / 0.06	N/A	ND
Etoazole	0.02 / 0.06	N/A	ND
Fenhexamid	0.03 / 0.09	N/A	ND
Fenoxycarb	0.03 / 0.08	N/A	ND
Fenpyroximate	0.02 / 0.06	N/A	ND
Fipronil	0.03 / 0.08	N/A	ND
Flonicamid	0.03 / 0.10	N/A	ND
Fludioxonil	0.03 / 0.10	N/A	ND
Hexythiazox	0.02 / 0.07	N/A	ND
Imazalil	0.02 / 0.06	N/A	ND
Imidacloprid	0.04 / 0.11	N/A	ND
Kresoxim-methyl	0.02 / 0.07	N/A	ND
Malathion	0.03 / 0.09	N/A	ND
Metalaxyl	0.02 / 0.07	N/A	ND
Methiocarb	0.02 / 0.07	N/A	ND

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Pesticide Analysis *Continued*

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 10/20/2021 *continued* DETECTED

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT µg/g	RESULT (µg/g)
Methomyl	0.03 / 0.10	N/A	ND
Methyl parathion	0.03 / 0.10	N/A	ND
Mevinphos	0.03 / 0.09	N/A	ND
Myclobutanil	0.03 / 0.09	N/A	ND
Naled	0.02 / 0.07	N/A	ND
Oxamyl	0.04 / 0.11	N/A	ND
Paclobutrazol	0.02 / 0.05	N/A	ND
Pentachloronitrobenzene*	0.03 / 0.09	N/A	ND
Permethrin	0.04 / 0.12	N/A	<LOQ
Phosmet	0.03 / 0.10	N/A	ND
Piperonylbutoxide	0.02 / 0.07	N/A	ND
Prallethrin	0.03 / 0.08	N/A	ND
Propiconazole	0.02 / 0.07	N/A	ND
Propoxur	0.03 / 0.09	N/A	ND
Pyrethrins	0.04 / 0.12	N/A	ND
Pyridaben	0.02 / 0.07	N/A	ND
Spinetoram	0.02 / 0.07	N/A	ND
Spinosad	0.02 / 0.07	N/A	ND
Spiromesifen	0.02 / 0.05	N/A	ND
Spirotetramat	0.02 / 0.06	N/A	ND
Spiroxamine	0.03 / 0.08	N/A	ND
Tebuconazole	0.02 / 0.07	N/A	ND
Thiacloprid	0.03 / 0.10	N/A	ND
Thiamethoxam	0.03 / 0.10	N/A	ND
Trifloxystrobin	0.03 / 0.08	N/A	ND



Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

MYCOTOXIN TEST RESULTS - 10/20/2021 ND

COMPOUND	LOD/LOQ (µg/kg)	MEASUREMENT µg/kg	RESULT (µg/kg)
Aflatoxin B1	2.0 / 6.0	N/A	ND
Aflatoxin B2	1.8 / 5.6	N/A	ND
Aflatoxin G1	1.0 / 3.1	N/A	ND
Aflatoxin G2	1.2 / 3.5	N/A	ND
Total Aflatoxin			ND
Ochratoxin A	6.3 / 19.2	N/A	ND



 **Heavy Metals Analysis**

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 10/19/2021 DETECTED

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT µg/g	RESULT (µg/g)
Arsenic	0.02 / 0.1	±0.02	0.4
Cadmium	0.02 / 0.05	N/A	<LOQ
Lead	0.04 / 0.1	±0.02	0.8
Mercury	0.002 / 0.01	N/A	<LOQ

 **Microbiology Analysis**

PCR

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 10/21/2021 ND

COMPOUND	RESULT
Shiga toxin-producing <i>Escherichia coli</i>	ND
<i>Salmonella</i> spp.	ND
<i>Aspergillus fumigatus</i>	ND
<i>Aspergillus flavus</i>	ND
<i>Aspergillus niger</i>	ND
<i>Aspergillus terreus</i>	ND

