

Total Health & Wellness dba True Harvest

Sample: 2401TLL0023.0141

Phoenix, AZ 85043  
jpastor@trueharvestco.com

Strain: Sour Dubb  
Parent Batch #: ; Batch#: R5SD1228; Batch Size: 20 g  
Sample Received: 01/23/2024; Report Created: 01/26/2024; Expires: 01/26/2025

Lic. #00000100DCWU00857159  
Harvest Dates:

Manufacturing Date:  
Sampling: ; Environment:

**Sour Dubb**

Plant, Flower - Cured  
Dispensary License #: ; Manufacturing License #: ; Cultivation License #:



## Safety

<b>Pass</b> Pesticides	<b>Pass</b> Microbials	<b>Pass</b> Metals
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## Cannabinoids

TPL\_Potency\_01

<b>28.90%</b> Total THC	<b>&lt;LOQ</b> Total CBD	<b>33.56%</b> Total Cannabinoids Q3
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Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.20	32.45	324.5	
Δ9-THC	0.20	0.45	4.5	
Δ8-THC	0.20	ND	ND	
THCV	0.20	ND	ND	
CBDa	0.20	<LOQ	<LOQ	
CBD	0.20	ND	ND	
CBDV	0.20	ND	ND	
CBN	0.20	ND	ND	
CBGa	0.20	0.66	6.6	
CBG	0.20	<LOQ	<LOQ	
CBC	0.20	ND	ND	
<b>Total</b>		<b>33.56</b>	<b>335.6</b>	

Total THC = THCa \* 0.877 + Δ9-THC  
Total CBD = CBDa \* 0.877 + CBD  
Instrument: HPLC-DAD; Method: TPL\_Potency\_01

## Terpenes

TPL\_Terpenes\_01

 Lemon	 Hops	 Cinnamon
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Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
δ-Limonene	0.88	8.8	Q3	
α-Humulene	0.83	8.3	Q3	
β-Caryophyllene	0.73	7.3	Q3	
β-Myrcene	0.69	6.9	Q3	
Linalool	0.47	4.7	Q3	
trans-Nerolidol	0.41	4.1	Q3	
β-Pinene	0.28	2.8	Q3	
α-Bisabolol	0.19	1.9	Q3	
Guaiol	0.16	1.6	Q3	
Terpinolene	0.13	1.3	Q3	
α-Pinene	0.11	1.1	Q3	
γ-Terpinene	0.11	1.1	Q3	
Eucalyptol	0.07	0.7	Q3	
Camphene	0.04	0.4	Q3	
3-Carene	<	<	Q3	
α-Terpinene	<	<	Q3	
Caryophyllene Oxide	<	<	Q3	
cis-Nerolidol	<	<	Q3	
Geraniol	<	<	Q3	
Isopulegol	<	<	Q3	
Ocimene	<	<	Q3	
p-Cymene	<	<	Q3	
<b>Total</b>	<b>5.08</b>	<b>50.8</b>		

Instrument: GCMS; Method: TPL\_Terp\_01  
Notes:

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# Certificate of Analysis

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## Pesticides TPL\_Pesticides\_01

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier	Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.24	0.50	ND	Pass	M1 L1	Hexythiazox	0.48	1.00	ND	Pass	
Acephate	0.19	0.40	ND	Pass		Imazalil	0.10	0.20	ND	Pass	
Acetamiprid	0.10	0.20	ND	Pass		Imidacloprid	0.19	0.40	ND	Pass	
Aldicarb	0.19	0.40	ND	Pass		Kresoxim	0.19	0.40	ND	Pass	
Azoxystrobin	0.10	0.20	ND	Pass		Methyl					
Bifenazate	0.10	0.20	ND	Pass	M1 L1	Malathion	0.10	0.20	ND	Pass	
Bifenthrin	0.10	0.20	ND	Pass		Metalaxyl	0.10	0.20	ND	Pass	
Boscalid	0.19	0.40	ND	Pass		Methiocarb	0.10	0.20	ND	Pass	
Carbaryl	0.10	0.20	ND	Pass		Methomyl	0.19	0.40	ND	Pass	
Carbofuran	0.10	0.20	ND	Pass		Myclobutanil	0.10	0.20	ND	Pass	
Chlorantranilprole	0.10	0.20	ND	Pass		Naled	0.24	0.50	ND	Pass	
Chlorfenapyr	0.48	1.00	ND	Pass	M2	Oxamyl	0.48	1.00	ND	Pass	
Chlorpyrifos	0.10	0.20	ND	Pass	M2	Paclobutrazol	0.19	0.40	ND	Pass	
Clofentezine	0.10	0.20	ND	Pass		Permethrin	0.10	0.20	ND	Pass	M2
Cyfluthrin	0.48	1.00	ND	Pass		Phosmet	0.10	0.20	ND	Pass	
Cypermethrin	0.48	1.00	ND	Pass		Piperonyl	0.96	2.00	ND	Pass	
Daminozide	0.48	1.00	ND	Pass		Butoxide					
Diazinon	0.10	0.20	ND	Pass		Prallethrin	0.10	0.20	ND	Pass	
Dichlorvos	0.05	0.10	ND	Pass		Propiconazole	0.19	0.40	ND	Pass	
Dimethoate	0.10	0.20	ND	Pass		Propoxur	0.10	0.20	ND	Pass	
Ethoprophos	0.10	0.20	ND	Pass		Pyrethrins	0.48	1.00	ND	Pass	
Etofenprox	0.19	0.40	ND	Pass		Pyridaben	0.10	0.20	ND	Pass	
Etoxazole	0.10	0.20	ND	Pass		Spinosad	0.10	0.20	ND	Pass	
Fenoxycarb	0.10	0.20	ND	Pass		Spiromesifen	0.10	0.20	ND	Pass	
Fenpyroximate	0.19	0.40	ND	Pass		Spirotetramat	0.10	0.20	ND	Pass	
Fipronil	0.19	0.40	ND	Pass		Spiroxamine	0.19	0.40	ND	Pass	
Flonicamid	0.48	1.00	ND	Pass		Tebuconazole	0.19	0.40	ND	Pass	
Fludioxonil	0.19	0.40	ND	Pass		Thiacloprid	0.10	0.20	ND	Pass	
						Thiamethoxam	0.10	0.20	ND	Pass	
						Trifloxystrobin	0.10	0.20	ND	Pass	

Instrument: LC-QQQ ; Method: TPL\_Pesticides\_01

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## Heavy Metals Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPB	PPB	PPB		
Arsenic	200.0	400.0	ND	Pass	
Cadmium	200.0	400.0	<LOQ	Pass	
Lead	500.0	1000.0	<LOQ	Pass	
Mercury	100.0	200.0	<LOQ	Pass	

## Microbials Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
	CFU/g	CFU/g	CFU/g		
E. Coli	10	100	<10	Pass	

Analyte	Limit	Result	Status	Qualifier
Salmonella	Detectable in 1g	Not Detected	Pass	
Aspergillus	Detectable in 1g	Not Detected	Pass	
Aspergillus fumigatus	Detectable in 1g	Not Detected	Pass	
Aspergillus niger	Detectable in 1g	Not Detected	Pass	
Aspergillus flavus	Detectable in 1g	Not Detected	Pass	
Aspergillus terreus	Detectable in 1g	Not Detected	Pass	

Instrument: ICPMS; Method: AOAC 2021.03

Instrument: qPCR/Plating; AOAC Methods 082102, 022202 and 2018.13

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B1 = Target analyte detected in calibration blank was above LOQ but the concentration of cannabinoid was below LOQ,

B2 = Target analyte detected in calibration blank was above LOQ but was below the maximum allowable concentration.

D1 = The limit of quantitation and the sample results were adjusted to reflect sample dilution,

I1 = The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria with respect to the reference spectra, indicating interference,

L1 = The percent recovery of a laboratory control sample is greater than the acceptance limits in A.A.C 17 R9-17-404.03(K)(2)(C), but the sample's target analytes were not detected above the maximum allowed concentration,

M1 = The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria,

M2 = The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria,

M3 = The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria,

M4 = The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria,

M5 = The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample,

N1 - A description of the variance is described in the final report of testing,

R1 = The relative percent difference for the laboratory control sample and duplicate exceeded the limit in A.A.C 17 R9-17-404.03(K)(3), but the recover in subsection A.A.C 17 R9-17-404.03 (K)(2) was within accepted criteria,

R2 = The relative percent difference for a sample and duplicated exceeded the limit in subsection A.A.C 17 R9-17-404.03 (O)

Q1 = Sample integrity was not maintained,

Q2 = The sample is heterogenous and sample homogeneity could not be readily achieved using routine laboratory practices

Q3 = Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

V1 = The recovery from continuing calibration verification standards exceeded the acceptance limits denoted in A.C.C 17 R9-17-403.03(I)(1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.