

Total Health & Wellness dba True Harvest

Sample: 2405TLL0183.0888

Phoenix, AZ 85043
jpastor@trueharvestco.com

Strain: Lemon Shiv
Parent Batch #: ; Batch#: LMS240506; Batch Size: 20 g
Sample Received: 05/23/2024; Report Created: 05/30/2024; Expires: 05/30/2025
Manufacturing Date:
Sampling: ; Environment:

Lic. #00000100DCWU00857159
Harvest Dates:

Lemon Shiv

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



Safety

Pass Pesticides	Pass Microbials	Pass Metals
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Cannabinoids

TPL_Potency_01

24.22% Total THC	<LOQ Total CBD	29.61% Total Cannabinoids Q3
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Analyte	LOQ	Mass	Mass	Qualifier
	%	mg/g	mg/g	
THCa	0.10	26.80	268.0	M1
Δ9-THC	0.10	0.72	7.2	M1
Δ8-THC	0.10	ND	ND	M1
THCV	0.10	ND	ND	M1
CBDa	0.10	<LOQ	<LOQ	M1
CBD	0.10	ND	ND	M1
CBDV	0.10	ND	ND	M1
CBN	0.10	ND	ND	M1
CBGa	0.10	2.09	20.9	M1
CBG	0.10	<LOQ	<LOQ	M1
CBC	0.10	ND	ND	M1
Total		29.61	296.1	

Total THC = THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD
Instrument: HPLC-DAD: ; Method: TPL_Potency_01

Terpenes

TPL_Terpenes_01

 Turpentine	 Earthy	 Lemon
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Analyte	LOQ	Mass	Mass	Qualifier
	%	mg/g	mg/g	
Terpinolene		0.4200	4.200	Q3
Ocimene		0.2000	2.000	Q3
δ-Limonene		0.1500	1.500	Q3
β-Caryophyllene		0.1400	1.400	Q3
β-Myrcene		0.1400	1.400	Q3
3-Carene		0.1200	1.200	Q3
β-Pinene		0.1100	1.100	Q3
trans-Nerolidol		0.0800	0.800	Q3
α-Terpinene		0.0700	0.700	Q3
γ-Terpinene		0.0700	0.700	Q3
α-Humulene		0.0600	0.600	Q3
Eucalyptol		0.0500	0.500	Q3
α-Pinene		0.0300	0.300	Q3
α-Bisabolol		0.0200	0.200	Q3
Camphene		0.0100	0.100	Q3
Linalool		0.0100	0.100	Q3
Caryophyllene Oxide		<	<	Q3
cis-Nerolidol		<	<	Q3
Geraniol		<	<	Q3
Guaiol		<	<	Q3
Isopulegol		<	<	Q3
p-Cymene		<	<	Q3
Total		1.6800	16.800	

Instrument: GCMS; Method: TPL_Terp_01
Notes:

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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	R1 V1	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	L1	Methyl					
Bifenazate	0.10	0.20	ND	Pass	R1 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	M2	Methiocarb	0.10	0.20	ND	Pass	M2
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	
Chlorantraniliprole	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	Pacllobutrazol	0.19	0.40	ND	Pass	M2
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					
Daminozide	0.48	1.00	ND	Pass	M1 R1	Butoxide	0.96	2.00	ND	Pass	
Diazinon	0.10	0.20	ND	Pass	V1	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	M2

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	ND	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	

LOQ=Limit of Quantitation. The reported result is based on a simple weight with the applicable moisture content for that sample. Unless otherwise stated, all quality control samples performed within specifications established by the Laboratory. 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 recovery 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 heterogeneous 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.A.C 17 R9-17-403.03(J)(1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.