

Total Health & Wellness dba True Harvest

Sample: 2403TLL0089.0455

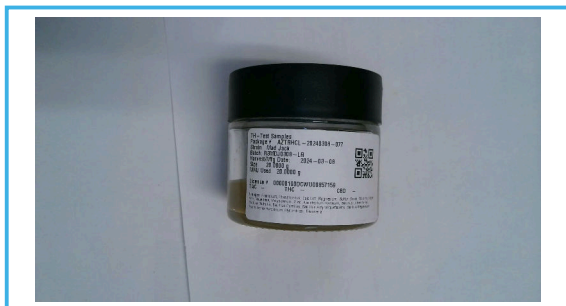
Phoenix, AZ 85043
jpastor@trueharvestco.com

Strain: Mad Jack
Parent Batch #: ; Batch#: RsMDJ0308-LR; Batch Size: 20 g
Sample Received: 03/14/2024; Report Created: 03/20/2024; Expires: 03/20/2025
Manufacturing Date:
Sampling: ; Environment:

Lic. #00000100DCWU00857159
Harvest Dates:

Mad Jack

Concentrates & Extracts, Live Rosin, Extraction Method: Ice/Water
Dispensary License #: ; Manufacturing License #: ; Cultivation License #:



Safety

Pass Pesticides	Pass Microbials	Pass Mycotoxins
Pass Solvents	Pass Metals	Not Tested Foreign Matter

Cannabinoids

TPL_Potency_01

69.23% Total THC	0.10% Total CBD	81.25% Total Cannabinoids Q3
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Analyte	LOQ	Mass	Mass	Qualifier
	%	mg/g	mg/g	
THCa	0.10	66.72	667.2	M1
Δ9-THC	0.10	10.72	107.2	M1
Δ8-THC	0.10	ND	ND	M1
THCV	0.10	ND	ND	M1
CBDa	0.10	0.12	1.2	M1
CBD	0.10	ND	ND	M1
CBDV	0.10	ND	ND	M1
CBN	0.10	0.22	2.2	M1
CBGa	0.10	2.63	26.3	M1
CBG	0.10	0.70	7.0	M1
CBC	0.10	0.14	1.4	M1
Total		81.25	812.5	

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

Terpenes

TPL_Terpenes_01

 Hops	 Cinnamon	 Lemon
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Analyte	LOQ	Mass	Mass	Qualifier
	%	mg/g	mg/g	
α-Humulene		1.3980	13.980	Q3
β-Caryophyllene		1.1990	11.990	Q3
δ-Limonene		1.0130	10.130	Q3
trans-Nerolidol		0.5990	5.990	Q3
β-Myrcene		0.4290	4.290	Q3
Terpinolene		0.3150	3.150	Q3
β-Pinene		0.2980	2.980	Q3
Linalool		0.2750	2.750	Q3
Ocimene		0.2300	2.300	Q3
3-Carene		0.2160	2.160	Q3
γ-Terpinene		0.1410	1.410	Q3
α-Terpinene		0.1310	1.310	Q3
α-Pinene		0.1130	1.130	Q3
Eucalyptol		0.1000	1.000	Q3
Camphene		0.0290	0.290	Q3
α-Bisabolol		<	<	Q3
Caryophyllene Oxide		<	<	Q3
cis-Nerolidol		<	<	Q3
Geraniol		<	<	Q3
Guaiol		<	<	Q3
Isopulegol		<	<	Q3
p-Cymene		<	<	Q3
Total		6.4860	64.860	

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		Hexythiazox	0.48	1.00	ND	Pass	M1
Acephate	0.19	0.40	ND	Pass		Imazalil	0.10	0.20	ND	Pass	
Acetamiprid	0.10	0.20	ND	Pass	M1	Imidacloprid	0.19	0.40	ND	Pass	
Aldicarb	0.19	0.40	ND	Pass		Kresoxim	0.19	0.40	ND	Pass	M2
Azoxystrobin	0.10	0.20	ND	Pass		Methyl					
Bifenazate	0.10	0.20	ND	Pass		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	
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	
Clofentezine	0.10	0.20	ND	Pass		Permethrin	0.10	0.20	ND	Pass	
Cyfluthrin	0.48	1.00	ND	Pass	M1	Phosmet	0.10	0.20	ND	Pass	
Cypermethrin	0.48	1.00	ND	Pass		Piperonyl					
Daminozide	0.48	1.00	ND	Pass		Butoxide	0.96	2.00	ND	Pass	
Diazinon	0.10	0.20	ND	Pass		Prallethrin	0.10	0.20	ND	Pass	
Dichlorvos	0.05	0.10	ND	Pass	M1	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	M2
Etoxazole	0.10	0.20	ND	Pass		Spinosad	0.10	0.20	ND	Pass	M2
Fenoxycarb	0.10	0.20	ND	Pass		Spiromesifen	0.10	0.20	ND	Pass	
Fenpyroximate	0.19	0.40	ND	Pass	M2	Spirotetramat	0.10	0.20	ND	Pass	M1
Fipronil	0.19	0.40	ND	Pass		Spiroxamine	0.19	0.40	ND	Pass	
Fonicamid	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	V1
Cadmium	200.0	400.0	ND	Pass	V1
Lead	500.0	1000.0	<LOQ	Pass	L1 V1
Mercury	100.0	200.0	<LOQ	Pass	L1 V1

Instrument: ICPMS; Method: AOAC 2021.03

Residual Solvents Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM		
Acetone	495.1	1000.0	ND	Pass	
Acetonitrile	203.0	410.0	ND	Pass	
Benzene	1.0	2.0	ND	Pass	
Butanes	618.8	5000.0	ND	Pass	
Chloroform	29.7	60.0	ND	Pass	
Dichloromethane	297.0	600.0	ND	Pass	
Ethanol	2475.2	5000.0	ND	Pass	
Ethyl-Acetate	2475.2	5000.0	ND	Pass	
Ethyl-Ether	2475.2	5000.0	ND	Pass	
Heptane	2475.2	5000.0	ND	Pass	
Hexanes	143.6	290.0	ND	Pass	
Isopropyl-Acetate	2475.2	5000.0	ND	Pass	
Methanol	1485.1	3000.0	ND	Pass	
Pentanes	143.6	5000.0	ND	Pass	
2-Propanol	2475.2	5000.0	ND	Pass	
Toluene	440.6	890.0	ND	Pass	
Xylenes	99.0	2170.0	ND	Pass	

Performed by Headspace GCMS DVT005. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1 AZDHS approved method for residual solvents by GCMS-HS for all listed analytes.

Microbials Pass

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

Microbials (continued)

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

Mycotoxins Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPB	PPB	PPB		
B1	8	20	ND	Pass	M1
B2	8	20	ND	Pass	
G1	8	20	ND	Pass	
G2	8	20	ND	Pass	M1
Ochratoxin A	8	20	ND	Pass	M1
Total Aflatoxins	8	20	ND	Pass	M1

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.