



# Certificate of Analysis

Pages 1 of 6

**PASSED**



**Harvest/Lot ID:** CAD250227-LR  
**Batch #:** CAD250227-LR  
**Harvest Date:** 02/27/25  
**Manufacturing Date:** 03/24/25  
**Production Method:** Ice/Water  
**Retail Product Size:** 10 gram  
**Retail Serving Size:** 10  
**Servings:** 1

**Lab ID:** TE50327003-001  
**Sampled:** 03/27/25  
**Sampling Method:** N/A  
**Completed:** 04/01/25  
**Sample Collection Time:** 11:30 AM  
**Expire:** 04/01/26

## Total Health & Wellness dba True Harvest

4301 W Buckeye Rd.  
Phoenix, AZ , AZ, 85043, US

**License #:** 00000100DCWU00857159



## Cannabinoid

**PASSED**



**Total THC**  
**77.2656%**



**Total CBD**  
**ND**



**Total Cannabinoids** **Q3**  
**90.8666%**

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	0.5682	87.4543	ND	ND	ND	2.8441	ND	ND	ND	ND	ND
mg/g	5.682	874.543	ND	ND	ND	28.441	ND	ND	ND	ND	ND
LOQ					0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
Qualifier	%	%	%	%	%	%	%	%	%	%	%

**Analyzed by:**  
333, 540, 547, 545

**Weight:**  
0.156g

**Extraction date:**  
03/27/25 15:21:18

**Extracted by:**  
333

**Analysis Method :** N/A

**Analytical Batch :** TE008185POT

**Instrument Used :** TE-245 "Buttercup" (Infused)

**Analyzed Date :** 03/31/25 15:23:01

**Batch Date :** 03/26/25 12:19:38

**Dilution :** 800

**Reagent :** N/A

**Consumables :** N/A

**Pipette :** N/A

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with Photo Diode Array detector (HPLC-PDA) for analysis. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.031 for sample prep, SOP.T.40.031 for analysis on Shimadzu LC-20X0 series HPLCs). Potency results for cannabis flower products are reported on an "as received" basis, without moisture correction.

## SAFETY RESULTS

## MISC.



**Pesticide**  
**PASSED**



**Heavy Metals**  
**PASSED**



**Microbial**  
**PASSED**



**Mycotoxins**  
**PASSED**



**Solvents**  
**PASSED**



**Filth/Foreign**  
**Material**  
**NOT TESTED**



**Water Activity**  
**NOT TESTED**



**Moisture**  
**Content**  
**NOT TESTED**



**Vitamin E**  
**NOT TESTED**



**Terpenes**  
**TESTED**

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**Madison Levy**

Lab Director

State License #  
00000024LCMD66604568  
ISO 17025 Accreditation #  
97164

*Madison Levy*

Signature  
04/01/25



# Certificate of Analysis

Pages 2 of 6

**Sample:** TE50327003-001  
**Total Health & Wellness dba True Harvest**  
**Telephone:** (612) 599-4361  
**Email:** jpastor@trueharvestco.com

**Harvest/Lot ID:** CAD250227-LR  
**Batch #:** CAD250227-LR

**Ordered:** 03/27/25  
**Sampled:** 03/27/25  
**Completed:** 04/01/25

**PASSED**



## Terpenes

**TESTED**

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
TOTAL TERPENES	<div></div>	mg	0	0.002		TESTED	5.2377	Q3
ALPHA-PINENE	<div></div>	mg	0	0.002		TESTED	0.1906	Q3
CAMPHENE	<div></div>	mg	0	0.002		TESTED	ND	
SABINENE	<div></div>	mg	0	0.002		TESTED	ND	
BETA-PINENE	<div></div>	mg	0	0.002		TESTED	0.3099	Q3
BETA-MYRCENE	<div></div>	mg	0	0.002		TESTED	0.9846	Q3
ALPHA-PHELLANDRENE	<div></div>	mg	0	0.002		TESTED	ND	
3-CARENE	<div></div>	mg	0	0.002		TESTED	ND	
ALPHA-TERPINENE	<div></div>	mg	0	0.002		TESTED	ND	
LIMONENE	<div></div>	mg	0	0.002		TESTED	1.9419	Q3
EUCALYPTOL	<div></div>	mg	0	0.002		TESTED	ND	
OCIMENE	<div></div>	mg	0	0.002		TESTED	ND	
GAMMA-TERPINENE	<div></div>	mg	0	0.002		TESTED	ND	
SABINENE HYDRATE	<div></div>	mg	0	0.002		TESTED	ND	
TERPINOLENE	<div></div>	mg	0	0.002		TESTED	ND	
FENCHONE	<div></div>	mg	0	0.002		TESTED	ND	
LINALOOL	<div></div>	mg	0	0.002		TESTED	0.3769	Q3
FENCHYL ALCOHOL	<div></div>	mg	0	0.002		TESTED	0.1517	Q3
ISOPULEGOL	<div></div>	mg	0	0.002		TESTED	ND	
CAMPHOR	<div></div>	mg	0	0.002		TESTED	ND	
ISOBORNEOL	<div></div>	mg	0	0.002		TESTED	ND	
BORNEOL	<div></div>	mg	0	0.002		TESTED	ND	
MENTHOL	<div></div>	mg	0	0.002		TESTED	ND	
ALPHA-TERPINEOL	<div></div>	mg	0	0.002		TESTED	0.1076	Q3
GAMMA-TERPINEOL	<div></div>	mg	0	0.002		TESTED	ND	
NEROL	<div></div>	mg	0	0.002		TESTED	ND	
PULEGONE	<div></div>	mg	0	0.002		TESTED	ND	
GERANIOL	<div></div>	mg	0	0.002		TESTED	ND	
GERANYL ACETATE	<div></div>	mg	0	0.002		TESTED	ND	
ALPHA-CEDRENE	<div></div>	mg	0	0.002		TESTED	ND	
BETA-CARYOPHYLLENE	<div></div>	mg	0	0.002		TESTED	0.7933	Q3
ALPHA-HUMULENE	<div></div>	mg	0	0.002		TESTED	0.3276	Q3
VALENCENE	<div></div>	mg	0	0.002		TESTED	ND	
CIS-NEROLIDOL	<div></div>	mg	0	0.002		TESTED	ND	
TRANS-NEROLIDOL	<div></div>	mg	0	0.002		TESTED	ND	
CARYOPHYLLENE OXIDE	<div></div>	mg	0	0.002		TESTED	ND	
GUAJOL	<div></div>	mg	0	0.002		TESTED	ND	
CEDROL	<div></div>	mg	0	0.002		TESTED	ND	
ALPHA-BISABOLOL	<div></div>	mg	0	0.002		TESTED	0.0536	Q3

**Analyzed by:** 334, 547, 545  
**Weight:** 0.2457g  
**Extraction date:** 03/27/25 15:29:06

**Extracted by:** 409,334

**Analysis Method :** N/A

**Analytical Batch :** TE008196TER

**Instrument Used :** TE-096 "MS - Terpenes 1", TE-097 "AS - Terpenes 1", TE-093 "GC - Terpenes 1"

**Analyzed Date :** 03/31/25 20:10:23

**Batch Date :** 03/27/25 13:25:00

**Dilution :** 5

**Reagent :** 110124.06; 031025.02

**Consumables :** 9479291.162; H109203-1; 8000038072; 20240202; 425204; GD240003

**Pipette :** TE-073 SN:RU31809

Terpenes screening is performed using GC-MS which can detect below single digit ppm concentrations. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.064 for sample prep, and SOP.T.40.064 for analysis via ThermoScientific 1310-series GC equipped with an AI 1310-series liquid injection autosampler and detection carried out by ISQ 7000-series mass spectrometer). Terpene results are reported on a wt/wt% basis. 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. Nor, can it be used to satisfy marijuana establishment testing requirements in R9-18-311(A) or labeling requirements in R9-18-310 - Q3.

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**Madison Levy**  
Lab Director

State License #  
00000024LCMD66604568  
ISO 17025 Accreditation #  
97164

*Madison Levy*  
Signature  
04/01/25



# Certificate of Analysis

Pages 3 of 6

**Sample:** TE50327003-001  
**Total Health & Wellness dba True Harvest**  
**Telephone:** (612) 599-4361  
**Email:** jpastor@trueharvestco.com

**Harvest/Lot ID:** CAD250227-LR  
**Batch #:** CAD250227-LR

**Ordered:** 03/27/25  
**Sampled:** 03/27/25  
**Completed:** 04/01/25

**PASSED**

	<b>Pesticide</b>	<b>PASSED</b>
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ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
AVERMECTINS (ABAMECTIN B1A)	mg	0.017	0.25	0.5	PASS	ND	
ACEPHATE	mg	0.01	0.2	0.4	PASS	ND	
ACETAMIPRID	mg	0.005	0.1	0.2	PASS	ND	
ALDICARB	mg	0.014	0.2	0.4	PASS	ND	
AZOXYSTROBIN	mg	0.005	0.1	0.2	PASS	ND	
BIFENAZATE	mg	0.006	0.1	0.2	PASS	ND	
BIFENTHRIN	mg	0.005	0.1	0.2	PASS	ND	
BOSCALID	mg	0.005	0.2	0.4	PASS	ND	
CARBARYL	mg	0.008	0.1	0.2	PASS	ND	
CARBOFURAN	mg	0.005	0.1	0.2	PASS	ND	
CHLORANTRANILIPROLE	mg	0.011	0.1	0.2	PASS	ND	
CHLORPYRIFOS	mg	0.005	0.1	0.2	PASS	ND	M2
CLOFENTEZINE	mg	0.01	0.1	0.2	PASS	ND	
CYPERMETHRIN	mg	0.1	0.5	1	PASS	ND	
DIAZINON	mg	0.006	0.1	0.2	PASS	ND	
DAMINOZIDE	mg	0.01	0.5	1	PASS	ND	
DICHLORVOS (DDVP)	mg	0.001	0.05	0.1	PASS	ND	
DIMETHOATE	mg	0.006	0.1	0.2	PASS	ND	
ETHOPROPHOS	mg	0.004	0.1	0.2	PASS	ND	
ETOFENPROX	mg	0.006	0.2	0.4	PASS	ND	
ETOXAZOLE	mg	0.004	0.1	0.2	PASS	ND	
FENOXYCARB	mg	0.005	0.1	0.2	PASS	ND	
FENPYROXIMATE	mg	0.004	0.2	0.4	PASS	ND	
FIPRONIL	mg	0.006	0.2	0.4	PASS	ND	
FLONICAMID	mg	0.009	0.5	1	PASS	ND	
FLUDIOXONIL	mg	0.006	0.2	0.4	PASS	ND	
HEXYTHIAZOX	mg	0.005	0.5	1	PASS	ND	
IMAZALIL	mg	0.011	0.1	0.2	PASS	ND	
IMIDACLOPRID	mg	0.008	0.2	0.4	PASS	ND	
KRESOXIM-METHYL	mg	0.007	0.2	0.4	PASS	ND	
MALATHION	mg	0.007	0.1	0.2	PASS	ND	
METALAXYL	mg	0.004	0.1	0.2	PASS	ND	
METHIOCARB	mg	0.004	0.1	0.2	PASS	ND	
METHOMYL	mg	0.005	0.2	0.4	PASS	ND	
MYCLOBUTANIL	mg	0.01	0.1	0.2	PASS	ND	
NALED	mg	0.007	0.25	0.5	PASS	ND	
OXAMYL	mg	0.008	0.5	1	PASS	ND	
PACLOBUTRAZOL	mg	0.005	0.2	0.4	PASS	ND	
TOTAL PERMETHRINS	mg	0.003	0.1	0.2	PASS	ND	
PHOSMET	mg	0.01	0.1	0.2	PASS	ND	
PIPERONYL BUTOXIDE	mg	0.005	1	2	PASS	ND	
PRALLETHRIN	mg	0.013	0.1	0.2	PASS	ND	
PROPICONAZOLE	mg	0.005	0.2	0.4	PASS	ND	
PROPOXUR	mg	0.005	0.1	0.2	PASS	ND	
TOTAL PYRETHRINS	mg	0.001	0.5	1	PASS	ND	
PYRIDABEN	mg	0.004	0.1	0.2	PASS	ND	
TOTAL SPINOSAD	mg	0.006	0.1	0.2	PASS	ND	
SPIROMESIFEN	mg	0.008	0.1	0.2	PASS	ND	
SPIROTETRAMAT	mg	0.006	0.1	0.2	PASS	ND	
SPIROXAMINE	mg	0.004	0.2	0.4	PASS	ND	
TEBUCONAZOLE	mg	0.004	0.2	0.4	PASS	ND	
THIACLOPRID	mg	0.006	0.1	0.2	PASS	ND	
THIAMETHOXAM	mg	0.006	0.1	0.2	PASS	ND	
TRIFLOXYSTROBIN	mg	0.006	0.1	0.2	PASS	ND	
CHLORFENAPYR	mg	0.027	0.3	1	PASS	ND	M2
CYFLUTHRIN	mg	0.015	0.5	1	PASS	ND	

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**Madison Levy**  
Lab Director  
State License #  
00000024LCMD66604568  
ISO 17025 Accreditation #  
97164

  
Signature  
04/01/25



# Certificate of Analysis


Pages 4 of 6

**Sample:** TE50327003-001  
**Total Health & Wellness dba True Harvest**  
**Telephone:** (612) 599-4361  
**Email:** jpastor@trueharvestco.com

**Harvest/Lot ID:** CAD250227-LR  
**Batch #:** CAD250227-LR

**Ordered:** 03/27/25  
**Sampled:** 03/27/25  
**Completed:** 04/01/25

**PASSED**

	<b>Pesticide</b>	<b>PASSED</b>
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ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 410, 152, 547, 545		Weight: 0.5064g		Extraction date: 03/27/25 16:04:20		Extracted by: 410		
Analysis Method : N/A								
Analytical Batch : TE008198PES								
Instrument Used : TE-262 "MS/MS - Pest/Myco 2",TE-117 UHPLC - Pest/Myco 2						Batch Date : 03/27/25 14:09:17		
Analyzed Date : 04/01/25 09:33:26								
Dilution : 25								
Reagent : 032425.R04; 032425.R05; 032425.R07; 030625.R06; 032525.R13; 032125.R10; 030625.R25; 032525.R15; 041823.06								
Consumables : 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1009468941; GD240003; 426060-JG								
Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)								
Pesticide screening is carried out using LC-MS/MS supplemented by GC-MS/MS for volatile pesticides. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC).								

<b>Analyzed by:</b> 410, 152, 547, 545	<b>Weight:</b> 0.5064g	<b>Extraction date:</b> 03/27/25 16:04:20	<b>Extracted by:</b> 410
<b>Analysis Method :</b> N/A			
<b>Analytical Batch :</b> TE008223VOL			
<b>Instrument Used :</b> TE-117 UHPLC - Pest/Myco 2,TE-262 "MS/MS - Pest/Myco 2			<b>Batch Date :</b> 03/28/25 19:28:46
<b>Analyzed Date :</b> 04/01/25 09:36:02			
<b>Dilution :</b> 25			
<b>Reagent :</b> 032425.R04; 032425.R05; 032425.R07; 030625.R06; 032525.R13; 032125.R10; 030625.R25; 032525.R15; 041823.06			
<b>Consumables :</b> 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1009468941; GD240003; 426060-JG			
<b>Pipette :</b> TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)			
Supplemental pesticide screening using GC-MS/MS to quantitatively screen for Chlorfenapyr, Cyfluthrin, Cypermethrin, and Diazinon; as well as the qualitative confirmation of Dichlorvos, Permethrins, Piperonyl Butoxide, Prallethrin, Propiconazole, Pyrethrins, and Tebuconazole which are all quantitatively screened using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.154.AZ for analysis using a ThermoScientific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).			

	<b>Residual Solvents</b>	<b>PASSED</b>
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ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
BUTANES	mg	168.2	2400	5000	PASS	ND	
METHANOL	mg	87.7	1440	3000	PASS	ND	
PENTANES	mg	163.9	2400	5000	PASS	ND	
ETHANOL	mg	142.2	2400	5000	PASS	ND	
ETHYL ETHER	mg	193.1	2400	5000	PASS	ND	
ACETONE	mg	37.6	480	1000	PASS	ND	
2-PROPANOL	mg	156.2	2400	5000	PASS	ND	
ACETONITRILE	mg	12.2	196.8	410	PASS	ND	
DICHLOROMETHANE	mg	22.7	288	600	PASS	ND	V1
HEXANES	mg	8.4	139.2	290	PASS	ND	
ETHYL ACETATE	mg	179	2400	5000	PASS	ND	
CHLOROFORM	mg	2.41	28.8	60	PASS	ND	
BENZENE	mg	0.115	1.2	2	PASS	ND	V1
ISOPROPYL ACETATE	mg	168.6	2400	5000	PASS	ND	
HEPTANE	mg	152.8	2400	5000	PASS	ND	
TOLUENE	mg	26.2	427.2	890	PASS	ND	V1
XYLENES	mg	53.2	1041.6	2170	PASS	ND	V1



# Certificate of Analysis

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Sample: TE50327003-001  
Total Health & Wellness dba True  
Harvest  
Telephone: (612) 599-4361  
Email: jpastor@trueharvestco.com

Harvest/Lot ID: CAD250227-LR  
Batch #: CAD250227-LR

Ordered: 03/27/25  
Sampled: 03/27/25  
Completed: 04/01/25

**PASSED**

## Residual Solvents **PASSED**

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 334, 547, 545	Weight: 0.0193g	Extraction date: 03/28/25 11:46:13			Extracted by: 334			
Analysis Method : N/A								
Analytical Batch : TE008205SOL								
Instrument Used : TE-092 "GC - Solvents 1",TE-095 "MS - Solvents 1",TE-098 "Injector - Solvents 1",TE-100 "HS - Solvents 1",TE-113 "Vacuum Pump - Solvents 1"							Batch Date : 03/28/25 11:44:17	
Analyzed Date : 03/31/25 15:47:20								
Dilution : N/A								
Reagent : 032625.31; 032425.01								
Consumables : H109203-1; 430596; 103689; GD240003								
Pipette : N/A								

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. (Method: SOP.T.40.044.AZ for sample prep and analysis via ThermoScientific 1310-series GC equipped with a TriPlus 500 Headspace autosampler and detection carried out by ISQ7000-series mass spectrometer). Butanes are reported as the sum of n-Butane and Isobutane. Pentanes are reported as the sum of n-Pentane, Isopentane, and Neopentane. Hexanes are reported as the sum of n-Hexane, 2-Methylpentane, 3-Methylpentane, 2,2-Dimethylbutane, and 2,3-Dimethylbutane. Xylenes are reported as the sum of Ethyl Benzene, m-Xylene, p-Xylene, and o-Xylene.

## Microbial **PASSED**

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
SALMONELLA SPP.		mg	0	0	1	PASS	Not Present in 1g	
ASPERGILLUS FLAVUS		mg	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS FUMIGATUS		mg	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS NIGER		mg	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS TERREUS		mg	1	0	0.999	PASS	Not Present in 1g	
ESCHERICHIA COLI (REC)		mg	10	10	100	PASS	<10	
Analyzed by: 331, 547, 545		Weight: 0.9482g		Extraction date: 03/28/25 20:58:44		Extracted by: 331		
Analysis Method : N/A								
Analytical Batch : TE008197MIC								
Instrument Used : TE-234 "bioMerieux GENE-UP"					Batch Date : 03/27/25 14:06:45			
Analyzed Date : 03/31/25 15:35:46								
Dilution : 10								
Reagent : 021825.10; 021825.11; 120524.22; 032425.R06								
Consumables : 258006; 7161130; 240823-1059-A; 1009015070; 1009468941								
Pipette : TE-053 SN:20E78952; TE-061 SN:20C35454; TE-062 SN:20C50491; TE-065 SN:20B18327 (100-1000uL); TE-066 SN:20D56970; TE-069 SN:21B23920; TE-109 SN:20B18330; TE-256 Dispensette S Bottle Top Dispenser SN:20G36073; TE-258								

Microbiological screening for bacterial and fungal identification via Polymerase Chain Reaction (PCR) methods consisting of sample DNA amplified via tandem PCR as a crude lysate without purification. (Methods: SOP.T.40.056B for sample prep and screening for Salmonella and Aspergillus sp. by PathogenDx Detectx Combined using a SensoSpot Microarray Analyzer and SOP.T.40.209.AZ for quantitative plating of E. coli on 3M Rapid E. coli Petrifilm and confirmation of Aspergillus sp. on SabDex agar for derivative products). All qualitative microbial testing is reported as detected/not detected in 1g.

## Mycotoxins **PASSED**

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS	mg	1.487	4.851	20	PASS	ND	
AFLATOXIN B1	mg	1.47	4.851	20	PASS	ND	
AFLATOXIN B2	mg	1.8	5.94	20	PASS	ND	
AFLATOXIN G1	mg	1.9	6.27	20	PASS	ND	
AFLATOXIN G2	mg	3.25	10.725	20	PASS	ND	
OCHRATOXIN A	mg	4.61	12	20	PASS	ND	

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State-determined thresholds based on the action limits published in Table 3.1 of 9 A.A.C. 17 and 9 A.A.C. 18. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors. Testing results were obtained according to requirements stated in QMS.100.010.AZ Quality Manual.

**Madison Levy**  
Lab Director  
State License #  
00000024LCMD66604568  
ISO 17025 Accreditation #  
97164

  
Signature  
04/01/25



# Certificate of Analysis

Pages 6 of 6

Sample: TE50327003-001  
Total Health & Wellness dba True  
Harvest  
Telephone: (612) 599-4361  
Email: jpastor@trueharvestco.com

Harvest/Lot ID: CAD250227-LR  
Batch #: CAD250227-LR

Ordered: 03/27/25  
Sampled: 03/27/25  
Completed: 04/01/25

**PASSED**

	<b>Mycotoxins</b>	<b>PASSED</b>
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ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 410, 152, 547, 545	Weight: 0.5064g	Extraction date: 03/27/25 16:04:20			Extracted by: 410		
Analysis Method : N/A							
Analytical Batch : TE008224MYC							
Instrument Used : TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Pest/Myco 2					Batch Date : 03/28/25 19:29:47		
Analyzed Date : 04/01/25 09:34:53							
Dilution : 25							
Reagent : 032425.R04; 032425.R05; 032425.R07; 030625.R06; 032525.R13; 032125.R10; 030625.R25; 032525.R15; 041823.06							
Consumables : 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1009468941; GD240003; 426060-JG							
Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)							
Aflatoxins B1, B2, G1, G2, and Ochratoxin A analysis using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC). Total Aflatoxins (sum of Aflatoxins B1, B2, G1, G2) must be <20µg/kg. Ochratoxin must be <20µg/kg.							

	<b>Heavy Metals</b>	<b>PASSED</b>
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ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
ARSENIC		mg	0.003	0.2	0.4	PASS	ND	
CADMIUM		mg	0.002	0.2	0.4	PASS	ND	
LEAD		mg	0.001	0.5	1	PASS	ND	
MERCURY		mg	0.0125	0.1	0.2	PASS	ND	
Analyzed by: 398, 547, 545		Weight: 0.2096g	Extraction date: 03/27/25 14:26:47			Extracted by: 398		
Analysis Method : N/A								
Analytical Batch : TE008188HEA								
Instrument Used : TE-051 "Metals Hood",TE-144,TE-260 "Ludwig",TE-307 "Ted",TE-311 "Ted PC",TE-308 "Ted Chiller",TE-310 "Ted AS",TE-309 "Ted Pump",TE-312 "Ted Monitor",TE-313 "Ted Monitor"							Batch Date : 03/26/25 15:53:39	
Analyzed Date : 04/01/25 09:38:57								
Dilution : 50								
Reagent : 102824.04; 031725.R04; 032525.R14; 100424.06; 022425.01; 090922.04								
Consumables : 110424CH01; 220321-306-D; 1009468941; GD240003								
Pipette : TE-063 SN:20C50490 (20-200uL); TE-110 SN:20B18338 (100-1000uL); TE-169 SN: 20B16352 (Nitric Acid)								
Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.084.AZ for sample prep by microwave digestion, and SOP.T.40.084.AZ for analysis by ThermoScientific iCAP RQ ICP-MS).								