



Certificate of Analysis

Pages 1 of 6

PASSED



Harvest/Lot ID: VSTG250828
Batch #: VSTG250828
Harvest Date: 03/06/25
Manufacturing Date: 08/28/25
Production Method: Butane and CO2
Total Amount: 7 gram
Retail Product Size: 1 gram

Lab ID: TE50828005-001
Ordered: 08/28/25
Sampled Date: 08/28/25
Sample Collection Time: 12:00 PM
Sample Size: 19.13 gram
Completed: 08/31/25

Total Health & Wellness dba True Harvest

License #: 00000100DCWU00857159

SAFETY RESULTS

MISC.



Pesticide
PASSED



Heavy Metals
PASSED



Microbial
PASSED



Mycotoxins
PASSED



Solvents
PASSED



Filtration
Material
NOT TESTED



Water Activity
NOT TESTED



Moisture
Content
NOT TESTED



Vitamin E
NOT TESTED



Terpenes
TESTED



Cannabinoid

PASSED



Total THC
85.543%



Total CBD
0.21600%



Total Cannabinoids ^{Q3}
90.265%

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	85.543	ND	0.21600	ND	2.4190	ND	0.60300	ND	0.65500	ND	0.82900
mg/g	855.43	ND	2.1600	ND	24.190	ND	6.0300	ND	6.5500	ND	8.2900
LOD	0.0001	0.0001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001
LOQ	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Qualifier

Analyzed by:
333, 540, 272, 545

Weight:
0.1527g

Extraction date:
08/28/25 17:10:48

Extracted by:
333

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031

Analytical Batch : TE010363POT

Instrument Used : TE-004 "Blossom" (Flower)

Analyzed Date : 08/31/25 12:49:01

Batch Date : 08/28/25 13:19:31

Dilution : 800

Reagent : 082025.R06; 082025.R08; 010825.R24; 080725.R17

Consumables : 947.162; H109203-1; 8000038072; 20240202; 121324CH01; 220321-306-D; 1; 1008741093; GD240003

Pipette : TE-059 SN:20A04528 (20-200uL); TE-064 SN:20B27672 (100-1000uL); TE-164 SN: 21H24198 (Isopropanol)

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.



Terpenes

TESTED

ANALYTES

TOTAL TERPENES

LIMONENE

VALENCENE

LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
0	0.002		TESTED	6.867	68.67	Q3
0	0.002		TESTED	4.223	42.23	
0	0.002		TESTED	0.5676	5.676	Q3

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Madison Levy

Lab Director

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08/31/25



Certificate of Analysis

Pages 2 of 6

Total Health & Wellness dba True Harvest

License # : 00000100DCWU00857159

Sample: TE50828005-001

Batch #: VSTG250828

Harvest/Lot ID: VSTG250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
ALPHA-HUMULENE	0	0.002		TESTED	0.5543	5.543	Q3
BETA-CARYOPHYLLENE	0	0.002		TESTED	0.5372	5.372	Q3
LINALOOL	0	0.002		TESTED	0.4297	4.297	Q3
BETA-MYRCENE	0	0.002		TESTED	0.2375	2.375	Q3
BETA-PINENE	0	0.002		TESTED	0.1780	1.780	Q3
ALPHA-PINENE	0	0.002		TESTED	0.1394	1.394	Q3
3-CARENE	0	0.002		TESTED	ND	ND	
BORNEOL	0	0.002		TESTED	ND	ND	
CAMPHENE	0	0.002		TESTED	ND	ND	
CAMPHOR	0	0.002		TESTED	ND	ND	
CARYOPHYLLENE OXIDE	0	0.002		TESTED	ND	ND	
CEDROL	0	0.002		TESTED	ND	ND	
EUCALYPTOL	0	0.002		TESTED	ND	ND	
FENCHONE	0	0.002		TESTED	ND	ND	
FENCHYL ALCOHOL	0	0.002		TESTED	ND	ND	
GERANIOL	0	0.002		TESTED	ND	ND	
GERANYL ACETATE	0	0.002		TESTED	ND	ND	
GUAIOL	0	0.002		TESTED	ND	ND	
ISOBORNEOL	0	0.002		TESTED	ND	ND	
ISOPULEGOL	0	0.002		TESTED	ND	ND	
MENTHOL	0	0.002		TESTED	ND	ND	
NEROL	0	0.002		TESTED	ND	ND	
OCIMENE	0	0.002		TESTED	ND	ND	
PULEGONE	0	0.002		TESTED	ND	ND	
SABINENE	0	0.002		TESTED	ND	ND	
SABINENE HYDRATE	0	0.002		TESTED	ND	ND	
TERPINOLENE	0	0.002		TESTED	ND	ND	
ALPHA-BISABOLOL	0	0.002		TESTED	ND	ND	
ALPHA-CEDRENE	0	0.002		TESTED	ND	ND	
ALPHA-PHELLANDRENE	0	0.002		TESTED	ND	ND	
ALPHA-TERPINENE	0	0.002		TESTED	ND	ND	
ALPHA-TERPINEOL	0	0.002		TESTED	ND	ND	
CIS-NEROLIDOL	0	0.0004		TESTED	ND	ND	
GAMMA-TERPINENE	0	0.002		TESTED	ND	ND	
TRANS-NEROLIDOL	0	0.0006		TESTED	ND	ND	

Analyzed by:
334, 134, 272, 545

Weight:
0.2612g

Extraction date:
08/29/25 11:53:52

Extracted by:
445,334

Analysis Method : SOP.T.30.500, SOP.T.30.064, SOP.T.40.064

Analytical Batch : TE010380TER

Instrument Used : TE- 290 "AS - Terpenes 2",TE-291 "GC - Terpenes 2",TE-292 "MS - Terpenes 2"

Analyzed Date : 08/31/25 13:06:04

Batch Date : 08/29/25 10:35:34

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

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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Certificate of Analysis

Pages 3 of 6

Total Health & Wellness dba True Harvest

License # : 00000100DCWU00857159

Sample: TE50828005-001

Batch #: VSTG250828

Harvest/Lot ID: VSTG250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED

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

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Certificate of Analysis

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Total Health & Wellness dba True Harvest

License # : 00000100DCWU00857159

Sample: TE50828005-001

Batch #: VSTG250828

Harvest/Lot ID: VSTG250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED

	Pesticide	PASSED
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ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
CYFLUTHRIN	ppm	0.015	0.5	1	PASS	ND	

Analyzed by: 410, 152, 134, 545	Weight: 1.0307g	Extraction date: 08/28/25 16:17:42	Extracted by: 152,410
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Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ

Analytical Batch : N/A

Instrument Used : N/A

Batch Date : N/A

Analyzed Date : N/A

Dilution : 50

Reagent : 082525.R07; 070125.R35; 082525.R09; 082525.R14; 082525.R15; 082225.R01; 081325.R12; 082025.R11

Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003; 523120JN

Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)

Pesticide screening is carried out 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).

Analyzed by: 410, 152, 134, 545	Weight: 1.0307g	Extraction date: 08/28/25 16:17:42	Extracted by: 152,410
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Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ

Analytical Batch : N/A

Instrument Used : N/A

Batch Date : N/A

Analyzed Date : N/A

Dilution : 50

Reagent : 082525.R07; 070125.R35; 082525.R09; 082525.R14; 082525.R15; 082225.R01; 081325.R12; 082025.R11

Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003; 523120JN

Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)

Chlorfenapyr and Cyfluthrin 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)

	Residual Solvents	PASSED
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ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
BUTANES	ppm	168.2	2400	5000	PASS	ND	
METHANOL	ppm	87.7	1440	3000	PASS	ND	
PENTANES	ppm	163.9	2400	5000	PASS	ND	
ETHANOL	ppm	142.2	2400	5000	PASS	ND	
ETHYL ETHER	ppm	193.1	2400	5000	PASS	ND	
ACETONE	ppm	42	480	1000	PASS	ND	
2-PROPANOL	ppm	156.2	2400	5000	PASS	ND	
ACETONITRILE	ppm	13.5	196.8	410	PASS	ND	
DICHLOROMETHANE	ppm	25.3	288	600	PASS	ND	
HEXANES	ppm	9.3	139.2	290	PASS	ND	
ETHYL ACETATE	ppm	179	2400	5000	PASS	ND	
CHLOROFORM	ppm	2.54	28.8	60	PASS	ND	
BENZENE	ppm	0.124	1.2	2	PASS	ND	
HEPTANE	ppm	188.5	2400	5000	PASS	ND	
ISOPROPYL ACETATE	ppm	168.6	2400	5000	PASS	ND	
TOLUENE	ppm	26.2	427.2	890	PASS	ND	
XYLENES	ppm	53.2	1041.6	2170	PASS	ND	

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Total Health & Wellness dba True Harvest

License #: 00000100DCWU00857159

Sample: TE50828005-001

Batch #: VSTG250828

Harvest/Lot ID: VSTG250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED



Residual Solvents

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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Analyzed by: 334, 272, 545	Weight: 0.0209g	Extraction date: 08/28/25 15:31:52	Extracted by: 334
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Analysis Method : SOP.T.40.044.AZ

Analytical Batch : TE010385SOL

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 : 08/29/25 13:06:00

Analyzed Date : 08/31/25 12:14:58

Dilution : N/A

Reagent : N/A

Consumables : N/A

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	LIMIT	PASS/FAIL	RESULT	QUALIFIER
----------	------	-----	-----	-------	-----------	--------	-----------

SALMONELLA SPP.		1	1	1	PASS	Not Detected in 1g	
ASPERGILLUS FLAVUS		1	1	0.999	PASS	Not Detected in 1g	
ASPERGILLUS FUMIGATUS		1	1	0.999	PASS	Not Detected in 1g	
ASPERGILLUS NIGER		1	1	0.999	PASS	Not Detected in 1g	
ASPERGILLUS TERREUS		1	1	0.999	PASS	Not Detected in 1g	
ESCHERICHIA COLI (REC)	CFU/g	10	10	100	PASS	ND	

Analyzed by: 331, 134, 545	Weight: 0.9261g	Extraction date: 08/28/25 15:39:33	Extracted by: 545
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Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ

Analytical Batch : TE010359MIC

Instrument Used : TE-234 "bioMérieux GENE-UP"

Batch Date : 08/28/25 12:38:25

Analyzed Date : 08/30/25 16:33:20

Dilution : 10

Reagent : 072425.29; 031725.23; 082725.R06

Consumables : 344XPM; 1008855960; 1009817562; 3950911; 042425CH01; 1009015070; 1010008458

Pipette : TE-075 SN:RU31709; TE-053 SN:20E78952; TE-057 SN:21D58688; TE-058 SN:20C35427; 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.40.058.AZ for sample prep and screening for Salmonella and Aspergillus sp. via BioMérieux GENE-UP RT-PCR and SOP.T.40.209.AZ for quantitative plating of E. coli on 3M Rapid E. coli Petrifilm.



Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
----------	------	-----	-----	-------	-----------	--------	-----------

TOTAL AFLATOXINS	ppb	3.03	10	20	PASS	ND	
AFLATOXIN B1	ppb	3.03	10	20	PASS	ND	
AFLATOXIN B2	ppb	3.03	10	20	PASS	ND	
AFLATOXIN G1	ppb	3.03	10	20	PASS	ND	
AFLATOXIN G2	ppb	3.03	10	20	PASS	ND	
OCHRATOXIN A	ppb	3.03	10	20	PASS	ND	

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Total Health & Wellness dba True Harvest

License # : 00000100DCWU00857159

Sample: TE50828005-001

Batch #: VSTG250828

Harvest/Lot ID: VSTG250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED



Mycotoxins

PASSED

ANALYTES

UNIT LOD LOQ LIMIT PASS/FAIL RESULT QUALIFIER

Analyzed by:
410, 152, 134, 545

Weight:
1.0307g

Extraction date:
08/28/25 16:17:42

Extracted by:
152,410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ

Analytical Batch : N/A

Instrument Used : N/A

Analyzed Date : N/A

Batch Date : N/A

Dilution : 50

Reagent : 082525.R07; 070125.R35; 082525.R09; 082525.R14; 082525.R15; 082225.R01; 081325.R12; 082025.R11

Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003; 523120JN

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.



Heavy Metals

PASSED

ANALYTES

UNIT LOD LOQ LIMIT PASS/FAIL RESULT QUALIFIER

ARSENIC

ppm

0.066

0.2

0.4

PASS

ND

CADMIUM

ppm

0.066

0.2

0.4

PASS

ND

LEAD

ppm

0.166

0.5

1

PASS

ND

MERCURY

ppm

0.0333

0.1

0.2

PASS

ND

Analyzed by:
398, 134, 545

Weight:
0.2097g

Extraction date:
08/29/25 11:51:27

Extracted by:
398

Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ

Analytical Batch : N/A

Instrument Used : N/A

Analyzed Date : N/A

Batch Date : N/A

Dilution : 50

Reagent : 102824.05; 081825.R34; 082525.R25; 082925.R06; 010325.09; 080125.01; 090922.04

Consumables : 042425CH01; 220321-306-D; 1008741093; 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).

CONFIDENT CANNABIS QR

* Confident Cannabis sample ID: 2508KLAZ1002.4235





Certificate of Analysis

Pages 1 of 6

PASSED



Harvest/Lot ID: VNYS250828
Batch #: VNYS250828
Harvest Date: 03/06/25
Manufacturing Date: 08/28/25
Production Method: Butane and CO2
Total Amount: 7 gram
Retail Product Size: 1 gram

Lab ID: TE50828005-002
Ordered: 08/28/25
Sampled Date: 08/28/25
Sample Collection Time: 12:00 PM
Sample Size: 19.14 gram
Completed: 08/31/25

Total Health & Wellness dba True Harvest

License #: 00000100DCWU00857159

SAFETY RESULTS

MISC.



Pesticide
PASSED



Heavy Metals
PASSED



Microbial
PASSED



Mycotoxins
PASSED



Solvents
PASSED



Filtration
Material
NOT TESTED



Water Activity
NOT TESTED



Moisture
Content
NOT TESTED



Vitamin E
NOT TESTED



Terpenes
TESTED



Cannabinoid

PASSED



Total THC
87.420%



Total CBD
0.22400%



Total Cannabinoids ^{Q3}
92.264%

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	87.420	ND	0.22400	ND	2.4890	ND	0.61200	ND	0.69300	ND	0.82600
mg/g	874.20	ND	2.2400	ND	24.890	ND	6.1200	ND	6.9300	ND	8.2600
LOD	0.0001	0.0001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001
LOQ	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Qualifier

Analyzed by:
333, 540, 272, 545

Weight:
0.1563g

Extraction date:
08/28/25 17:10:48

Extracted by:
333

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031

Analytical Batch : TE010363POT

Instrument Used : TE-004 "Blossom" (Flower)

Analyzed Date : 08/31/25 12:50:42

Batch Date : 08/28/25 13:19:31

Dilution : 800

Reagent : 082025.R06; 082025.R08; 010825.R24; 080725.R17

Consumables : 947.162; H109203-1; 8000038072; 20240202; 121324CH01; 220321-306-D; 1; 1008741093; GD240003

Pipette : TE-059 SN:20A04528 (20-200uL); TE-064 SN:20B27672 (100-1000uL); TE-164 SN: 21H24198 (Isopropanol)

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.



Terpenes

TESTED

ANALYTES

		LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
TOTAL TERPENES		0	0.002		TESTED	6.735	67.35	Q3
TERPINOLENE		0	0.002		TESTED	1.807	18.07	
BETA-CARYOPHYLLENE		0	0.002		TESTED	1.284	12.84	Q3

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Madison Levy

Lab Director

State License #
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ISO 17025 Accreditation #
97164

Signature
08/31/25



Certificate of Analysis

Pages 2 of 6

Total Health & Wellness dba True Harvest

License # : 00000100DCWU00857159

Sample: TE50828005-002

Batch #: VNYS250828

Harvest/Lot ID: VNYS250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
LIMONENE	0	0.002		TESTED	1.247	12.47	Q3
BETA-MYRCENE	0	0.002		TESTED	0.8240	8.240	Q3
LINALOOL	0	0.002		TESTED	0.4448	4.448	Q3
ALPHA-HUMULENE	0	0.002		TESTED	0.3742	3.742	Q3
BETA-PINENE	0	0.002		TESTED	0.2678	2.678	Q3
ALPHA-PINENE	0	0.002		TESTED	0.2580	2.580	Q3
FENCHYL ALCOHOL	0	0.002		TESTED	0.07240	0.7240	Q3
ALPHA-BISABOLOL	0	0.002		TESTED	0.06770	0.6770	Q3
GAMMA-TERPINENE	0	0.002		TESTED	0.04740	0.4740	Q3
CARYOPHYLLE OXIDE	0	0.002		TESTED	0.04190	0.4190	Q3
3-CARENE	0	0.002		TESTED	ND	ND	
BORNEOL	0	0.002		TESTED	ND	ND	
CAMPHENE	0	0.002		TESTED	ND	ND	
CAMPOR	0	0.002		TESTED	ND	ND	
CEDROL	0	0.002		TESTED	ND	ND	
EUCALYPTOL	0	0.002		TESTED	ND	ND	
FENCHONE	0	0.002		TESTED	ND	ND	
GERANIOL	0	0.002		TESTED	ND	ND	
GERANYL ACETATE	0	0.002		TESTED	ND	ND	
GUAJOL	0	0.002		TESTED	ND	ND	
ISOBORNEOL	0	0.002		TESTED	ND	ND	
ISOPULEGOL	0	0.002		TESTED	ND	ND	
MENTHOL	0	0.002		TESTED	ND	ND	
NEROL	0	0.002		TESTED	ND	ND	
OCIMENE	0	0.002		TESTED	ND	ND	
PULEGONE	0	0.002		TESTED	ND	ND	
SABINENE	0	0.002		TESTED	ND	ND	
SABINENE HYDRATE	0	0.002		TESTED	ND	ND	
VALENCENE	0	0.002		TESTED	ND	ND	
ALPHA-CEDRENE	0	0.002		TESTED	ND	ND	
ALPHA-PHELLANDRENE	0	0.002		TESTED	ND	ND	
ALPHA-TERPINENE	0	0.002		TESTED	ND	ND	
ALPHA-TERPINEOL	0	0.002		TESTED	ND	ND	
CIS-NEROLIDOL	0	0.0004		TESTED	ND	ND	
TRANS-NEROLIDOL	0	0.0006		TESTED	ND	ND	

Analyzed by:
334, 134, 272, 545

Weight:
0.2619g

Extraction date:
08/29/25 11:53:58

Extracted by:
334

Analysis Method : SOP.T.30.500, SOP.T.30.064, SOP.T.40.064

Analytical Batch : TE010380TER

Instrument Used : TE- 290 "AS - Terpenes 2",TE-291 "GC - Terpenes 2",TE-292 "MS - Terpenes 2"

Batch Date : 08/29/25 10:35:34

Analyzed Date : 08/31/25 13:05:47

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

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

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ISO 17025 Accreditation #
97164

Signature
08/31/25



Certificate of Analysis

Pages 3 of 6

Total Health & Wellness dba True Harvest

License # : 00000100DCWU00857159

Sample: TE50828005-002

Batch #: VNYS250828
Harvest/Lot ID: VNYS250828

Ordered: 08/28/25
Sampled: 08/28/25
Completed: 08/31/25

PASSED

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

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Madison Levy
Lab Director

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08/31/25



Certificate of Analysis

Pages 4 of 6

Total Health & Wellness dba True Harvest

License # : 00000100DCWU00857159

Sample: TE50828005-002

Batch #: VNYS250828

Harvest/Lot ID: VNYS250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED

	Pesticide	PASSED
---	------------------	---------------

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
CYFLUTHRIN	ppm	0.015	0.5	1	PASS	ND	

Analyzed by:
410, 152, 134, 545

Weight:
0.9741g

Extraction date:
08/28/25 16:17:42

Extracted by:
152,410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ

Analytical Batch : N/A

Instrument Used : N/A

Batch Date : N/A

Analyzed Date : N/A

Dilution : 50

Reagent : 082525.R07; 070125.R35; 082525.R09; 082525.R14; 082525.R15; 082225.R01; 081325.R12; 082025.R11

Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003; 523120JN

Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)

Pesticide screening is carried out 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).

Analyzed by:
410, 152, 134, 545

Weight:
0.9741g

Extraction date:
08/28/25 16:17:42

Extracted by:
152,410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ

Analytical Batch : N/A

Instrument Used : N/A

Batch Date : N/A

Analyzed Date : N/A

Dilution : 50

Reagent : 082525.R07; 070125.R35; 082525.R09; 082525.R14; 082525.R15; 082225.R01; 081325.R12; 082025.R11

Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003; 523120JN

Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)

Chlorfenapyr and Cyfluthrin 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)

	Residual Solvents	PASSED
---	--------------------------	---------------

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
BUTANES	ppm	168.2	2400	5000	PASS	ND	
METHANOL	ppm	87.7	1440	3000	PASS	ND	
PENTANES	ppm	163.9	2400	5000	PASS	ND	
ETHANOL	ppm	142.2	2400	5000	PASS	ND	
ETHYL ETHER	ppm	193.1	2400	5000	PASS	ND	
ACETONE	ppm	42	480	1000	PASS	ND	
2-PROPANOL	ppm	156.2	2400	5000	PASS	ND	
ACETONITRILE	ppm	13.5	196.8	410	PASS	ND	
DICHLOROMETHANE	ppm	25.3	288	600	PASS	ND	
HEXANES	ppm	9.3	139.2	290	PASS	ND	
ETHYL ACETATE	ppm	179	2400	5000	PASS	ND	
CHLOROFORM	ppm	2.54	28.8	60	PASS	ND	
BENZENE	ppm	0.124	1.2	2	PASS	ND	
HEPTANE	ppm	188.5	2400	5000	PASS	ND	
ISOPROPYL ACETATE	ppm	168.6	2400	5000	PASS	ND	
TOLUENE	ppm	26.2	427.2	890	PASS	ND	
XYLENES	ppm	53.2	1041.6	2170	PASS	ND	

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Madison Levy
Lab Director

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Signature
08/31/25



Certificate of Analysis

Pages 5 of 6

Total Health & Wellness dba True Harvest

License #: 00000100DCWU00857159

Sample: TE50828005-002

Batch #: VNYS250828

Harvest/Lot ID: VNYS250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED



Residual Solvents

PASSED

ANALYTES

UNIT LOD LOQ LIMIT PASS/FAIL RESULT QUALIFIER

Analyzed by: 334, 272, 545 Weight: 0.0194g Extraction date: 08/28/25 15:31:56 Extracted by: 334

Analysis Method : SOP.T.40.044.AZ

Analytical Batch : TE010385SOL

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 : 08/29/25 13:06:00

Analyzed Date : 08/31/25 12:15:01

Dilution : N/A

Reagent : N/A

Consumables : N/A

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 LIMIT PASS/FAIL RESULT QUALIFIER

SALMONELLA SPP.		1	1	1	PASS	Not Detected in 1g	
ASPERGILLUS FLAVUS		1	1	0.999	PASS	Not Detected in 1g	
ASPERGILLUS FUMIGATUS		1	1	0.999	PASS	Not Detected in 1g	
ASPERGILLUS NIGER		1	1	0.999	PASS	Not Detected in 1g	
ASPERGILLUS TERREUS		1	1	0.999	PASS	Not Detected in 1g	
ESCHERICHIA COLI (REC)	CFU/g	10	10	100	PASS	ND	

Analyzed by: 331, 134, 545 Weight: 0.9881g Extraction date: 08/28/25 15:39:33 Extracted by: 545

Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ

Analytical Batch : TE010359MIC

Instrument Used : TE-234 "bioMérieux GENE-UP"

Batch Date : 08/28/25 12:38:25

Analyzed Date : 08/30/25 16:33:22

Dilution : 10

Reagent : 072425.29; 031725.23; 082725.R06

Consumables : 344XPM; 1008855960; 1009817562; 3950911; 042425CH01; 1009015070; 1010008458

Pipette : TE-075 SN:RU31709; TE-053 SN:20E78952; TE-057 SN:21D58688; TE-058 SN:20C35427; 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.40.058.AZ for sample prep and screening for Salmonella and Aspergillus sp. via BioMérieux GENE-UP RT-PCR and SOP.T.40.209.AZ for quantitative plating of E. coli on 3M Rapid E. coli Petrifilm.



Mycotoxins

PASSED

ANALYTES

UNIT LOD LOQ LIMIT PASS/FAIL RESULT QUALIFIER

TOTAL AFLATOXINS	ppb	3.03	10	20	PASS	ND	
AFLATOXIN B1	ppb	3.03	10	20	PASS	ND	
AFLATOXIN B2	ppb	3.03	10	20	PASS	ND	
AFLATOXIN G1	ppb	3.03	10	20	PASS	ND	
AFLATOXIN G2	ppb	3.03	10	20	PASS	ND	
OCHRATOXIN A	ppb	3.03	10	20	PASS	ND	

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Madison Levy
Lab Director

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ISO 17025 Accreditation #
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Signature
08/31/25



Certificate of Analysis

Pages 6 of 6

Total Health & Wellness dba True Harvest

License # : 00000100DCWU00857159

Sample: TE50828005-002

Batch #: VNYS250828

Harvest/Lot ID: VNYS250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED



Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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Analyzed by: 410, 152, 134, 545	Weight: 0.9741g	Extraction date: 08/28/25 16:17:42	Extracted by: 152,410
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Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ

Analytical Batch : N/A

Instrument Used : N/A

Analyzed Date : N/A

Batch Date : N/A

Dilution : 50

Reagent : 082525.R07; 070125.R35; 082525.R09; 082525.R14; 082525.R15; 082225.R01; 081325.R12; 082025.R11

Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003; 523120JN

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.



Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
----------	------	-----	-----	-------	-----------	--------	-----------

ARSENIC	ppm	0.066	0.2	0.4	PASS	ND	
CADMIUM	ppm	0.066	0.2	0.4	PASS	ND	
LEAD	ppm	0.166	0.5	1	PASS	ND	
MERCURY	ppm	0.0333	0.1	0.2	PASS	ND	

Analyzed by: 398, 134, 545	Weight: 0.1926g	Extraction date: 08/29/25 11:51:27	Extracted by: 398
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Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ

Analytical Batch : N/A

Instrument Used : N/A

Analyzed Date : N/A

Batch Date : N/A

Dilution : 50

Reagent : 102824.05; 081825.R34; 082525.R25; 082925.R06; 010325.09; 080125.01; 090922.04

Consumables : 042425CH01; 220321-306-D; 1008741093; 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).

CONFIDENT CANNABIS QR

* Confident Cannabis sample ID: 2508KLAZ1002.4236





Certificate of Analysis

Pages 1 of 6

PASSED



Harvest/Lot ID: VPSF250828
Batch #: VPSF250828
Harvest Date: 03/06/25
Manufacturing Date: 08/28/25
Production Method: Butane and CO2
Total Amount: 7 gram
Retail Product Size: 1 gram

Lab ID: TE50828005-003
Ordered: 08/28/25
Sampled Date: 08/28/25
Sample Collection Time: 12:00 PM
Sample Size: 19.10 gram
Completed: 08/31/25

Total Health & Wellness dba True Harvest

License #: 00000100DCWU00857159

SAFETY RESULTS

MISC.



Pesticide
PASSED



Heavy Metals
PASSED



Microbial
PASSED



Mycotoxins
PASSED



Solvents
PASSED



Filtration
Material
NOT TESTED



Water Activity
NOT TESTED



Moisture
Content
NOT TESTED



Vitamin E
NOT TESTED



Terpenes
TESTED



Cannabinoid

PASSED



Total THC
85.568%



Total CBD
0.22700%



Total Cannabinoids ^{Q3}
90.319%

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	85.568	ND	0.22700	ND	2.4410	ND	0.59700	ND	0.66600	ND	0.82000
mg/g	855.68	ND	2.2700	ND	24.410	ND	5.9700	ND	6.6600	ND	8.2000
LOD	0.0001	0.0001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001
LOQ	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%
Qualifier											

Analyzed by:
333, 540, 272, 545

Weight:
0.1556g

Extraction date:
08/28/25 17:10:48

Extracted by:
333

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031

Analytical Batch : TE010363POT

Instrument Used : TE-004 "Blossom" (Flower)

Analyzed Date : 08/31/25 12:50:47

Batch Date : 08/28/25 13:19:31

Dilution : 800

Reagent : 082025.R06; 082025.R08; 010825.R24; 080725.R17

Consumables : 947.162; H109203-1; 8000038072; 20240202; 121324CH01; 220321-306-D; 1; 1008741093; GD240003

Pipette : TE-059 SN:20A04528 (20-200uL); TE-064 SN:20B27672 (100-1000uL); TE-164 SN: 21H24198 (Isopropanol)

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.



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
3-CARENE	0	0.002	TESTED	ND	ND		
BORNEOL	0	0.002	TESTED	ND	ND		
CAMPENE	0	0.002	TESTED	ND	ND		

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Lab Director

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08/31/25



Certificate of Analysis

Pages 2 of 6

Total Health & Wellness dba True Harvest

License # : 00000100DCWU00857159

Sample: TE50828005-003

Batch #: VPSF250828

Harvest/Lot ID: VPSF250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
CAMPHOR	0	0.002		TESTED	ND	ND	
CARYOPHYLLE OXIDE	0	0.002		TESTED	ND	ND	
CEDROL	0	0.002		TESTED	ND	ND	
EUCALYPTOL	0	0.002		TESTED	ND	ND	
FENCHONE	0	0.002		TESTED	ND	ND	
FENCHYL ALCOHOL	0	0.002		TESTED	ND	ND	
GERANIOL	0	0.002		TESTED	ND	ND	
GERANYL ACETATE	0	0.002		TESTED	ND	ND	
GUAIOL	0	0.002		TESTED	ND	ND	
ISOBORNEOL	0	0.002		TESTED	ND	ND	
ISOPULEGOL	0	0.002		TESTED	ND	ND	
LIMONENE	0	0.002		TESTED	ND	ND	
LINALOOL	0	0.002		TESTED	ND	ND	
MENTHOL	0	0.002		TESTED	ND	ND	
NEROL	0	0.002		TESTED	ND	ND	
OCIMENE	0	0.002		TESTED	ND	ND	
PULEGONE	0	0.002		TESTED	ND	ND	
SABINENE	0	0.002		TESTED	ND	ND	
SABINENE HYDRATE	0	0.002		TESTED	ND	ND	
TERPINOLENE	0	0.002		TESTED	ND	ND	
TOTAL TERPENES	0	0.002		TESTED	ND	ND	
VALENCENE	0	0.002		TESTED	ND	ND	
ALPHA-BISABOLOL	0	0.002		TESTED	ND	ND	
ALPHA-CEDRENE	0	0.002		TESTED	ND	ND	
ALPHA-HUMULENE	0	0.002		TESTED	ND	ND	
ALPHA-PHELLANDRENE	0	0.002		TESTED	ND	ND	
ALPHA-PINENE	0	0.002		TESTED	ND	ND	
ALPHA-TERPINENE	0	0.002		TESTED	ND	ND	
ALPHA-TERPINEOL	0	0.002		TESTED	ND	ND	
BETA-CARYOPHYLLENE	0	0.002		TESTED	ND	ND	
BETA-MYRCENE	0	0.002		TESTED	ND	ND	
BETA-PINENE	0	0.002		TESTED	ND	ND	
CIS-NEROLIDOL	0	0.0004		TESTED	ND	ND	
GAMMA-TERPINENE	0	0.002		TESTED	ND	ND	
TRANS-NEROLIDOL	0	0.0006		TESTED	ND	ND	

Analyzed by:
334, 134, 272, 545

Weight:
0.2552g

Extraction date:
08/29/25 11:54:02

Extracted by:
334

Analysis Method : SOP.T.30.500, SOP.T.30.064, SOP.T.40.064

Analytical Batch : TE010380TER

Instrument Used : TE- 290 "AS - Terpenes 2",TE-291 "GC - Terpenes 2",TE-292 "MS - Terpenes 2"

Batch Date : 08/29/25 10:35:34

Analyzed Date : 08/31/25 13:05:27

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

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

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08/31/25



Certificate of Analysis

Pages 3 of 6

Total Health & Wellness dba True Harvest

License # : 00000100DCWU00857159

Sample: TE50828005-003

Batch #: VPSF250828
Harvest/Lot ID: VPSF250828

Ordered: 08/28/25
Sampled: 08/28/25
Completed: 08/31/25

PASSED

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

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Madison Levy
Lab Director

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08/31/25



Certificate of Analysis

Pages 4 of 6

Total Health & Wellness dba True Harvest

License #: 00000100DCWU00857159

Sample: TE50828005-003

Batch #: VPSF250828

Harvest/Lot ID: VPSF250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED

	Pesticide	PASSED
--	------------------	---------------

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
CYFLUTHRIN	ppm	0.015	0.5	1	PASS	ND	

Analyzed by:
410, 152, 134, 545

Weight:
1.0022g

Extraction date:
08/28/25 16:17:42

Extracted by:
152,410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ

Analytical Batch : N/A

Instrument Used : N/A

Batch Date : N/A

Analyzed Date : N/A

Dilution : 50

Reagent : 082525.R07; 070125.R35; 082525.R09; 082525.R14; 082525.R15; 082225.R01; 081325.R12; 082025.R11

Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003; 523120JN

Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)

Pesticide screening is carried out 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).

Analyzed by:
410, 152, 134, 545

Weight:
1.0022g

Extraction date:
08/28/25 16:17:42

Extracted by:
152,410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ

Analytical Batch : N/A

Instrument Used : N/A

Batch Date : N/A

Analyzed Date : N/A

Dilution : 50

Reagent : 082525.R07; 070125.R35; 082525.R09; 082525.R14; 082525.R15; 082225.R01; 081325.R12; 082025.R11

Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003; 523120JN

Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)

Chlorfenapyr and Cyfluthrin 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)

	Residual Solvents	PASSED
--	--------------------------	---------------

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
BUTANES	ppm	168.2	2400	5000	PASS	ND	
METHANOL	ppm	87.7	1440	3000	PASS	ND	
PENTANES	ppm	163.9	2400	5000	PASS	ND	
ETHANOL	ppm	142.2	2400	5000	PASS	ND	
ETHYL ETHER	ppm	193.1	2400	5000	PASS	ND	
ACETONE	ppm	42	480	1000	PASS	ND	
2-PROPANOL	ppm	156.2	2400	5000	PASS	ND	
ACETONITRILE	ppm	13.5	196.8	410	PASS	ND	
DICHLOROMETHANE	ppm	25.3	288	600	PASS	ND	
HEXANES	ppm	9.3	139.2	290	PASS	ND	
ETHYL ACETATE	ppm	179	2400	5000	PASS	ND	
CHLOROFORM	ppm	2.54	28.8	60	PASS	ND	
BENZENE	ppm	0.124	1.2	2	PASS	ND	
HEPTANE	ppm	188.5	2400	5000	PASS	ND	
ISOPROPYL ACETATE	ppm	168.6	2400	5000	PASS	ND	
TOLUENE	ppm	26.2	427.2	890	PASS	ND	
XYLENES	ppm	53.2	1041.6	2170	PASS	ND	

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08/31/25



Certificate of Analysis

Pages 5 of 6

Total Health & Wellness dba True Harvest

License #: 00000100DCWU00857159

Sample: TE50828005-003

Batch #: VPSF250828

Harvest/Lot ID: VPSF250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED



Residual Solvents

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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Analyzed by: 334, 272, 545	Weight: 0.0197g	Extraction date: 08/28/25 15:32:00	Extracted by: 334
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Analysis Method : SOP.T.40.044.AZ

Analytical Batch : TE010385SOL

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 : 08/29/25 13:06:00

Analyzed Date : 08/31/25 12:15:04

Dilution : N/A

Reagent : N/A

Consumables : N/A

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	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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SALMONELLA SPP.		1	1	1	PASS	Not Detected in 1g	
ASPERGILLUS FLAVUS		1	1	0.999	PASS	Not Detected in 1g	
ASPERGILLUS FUMIGATUS		1	1	0.999	PASS	Not Detected in 1g	
ASPERGILLUS NIGER		1	1	0.999	PASS	Not Detected in 1g	
ASPERGILLUS TERREUS		1	1	0.999	PASS	Not Detected in 1g	
ESCHERICHIA COLI (REC)	CFU/g	10	10	100	PASS	ND	

Analyzed by: 331, 134, 545	Weight: 0.9825g	Extraction date: 08/28/25 15:39:33	Extracted by: 545
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Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ

Analytical Batch : TE010359MIC

Instrument Used : TE-234 "bioMérieux GENE-UP"

Batch Date : 08/28/25 12:38:25

Analyzed Date : 08/30/25 16:33:24

Dilution : 10

Reagent : 072425.29; 031725.23; 082725.R06

Consumables : 344XPM; 1008855960; 1009817562; 3950911; 042425CH01; 1009015070; 1010008458

Pipette : TE-075 SN:RU31709; TE-053 SN:20E78952; TE-057 SN:21D58688; TE-058 SN:20C35427; 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.40.058.AZ for sample prep and screening for Salmonella and Aspergillus sp. via BioMérieux GENE-UP RT-PCR and SOP.T.40.209.AZ for quantitative plating of E. coli on 3M Rapid E. coli Petrifilm.



Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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TOTAL AFLATOXINS	ppb	3.03	10	20	PASS	ND	
AFLATOXIN B1	ppb	3.03	10	20	PASS	ND	
AFLATOXIN B2	ppb	3.03	10	20	PASS	ND	
AFLATOXIN G1	ppb	3.03	10	20	PASS	ND	
AFLATOXIN G2	ppb	3.03	10	20	PASS	ND	
OCHRATOXIN A	ppb	3.03	10	20	PASS	ND	

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Madison Levy
Lab Director

State License #
00000024LCMD66604568
ISO 17025 Accreditation #
97164

Signature
08/31/25



Certificate of Analysis

Pages 6 of 6

Total Health & Wellness dba True Harvest

License # : 00000100DCWU00857159

Sample: TE50828005-003

Batch #: VPSF250828

Harvest/Lot ID: VPSF250828

Ordered: 08/28/25

Sampled: 08/28/25

Completed: 08/31/25

PASSED



Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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Analyzed by: 410, 152, 134, 545	Weight: 1.0022g	Extraction date: 08/28/25 16:17:42	Extracted by: 152,410
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Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ

Analytical Batch : N/A

Instrument Used : N/A

Batch Date : N/A

Analyzed Date : N/A

Dilution : 50

Reagent : 082525.R07; 070125.R35; 082525.R09; 082525.R14; 082525.R15; 082225.R01; 081325.R12; 082025.R11

Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003; 523120JN

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.



Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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ARSENIC	ppm	0.066	0.2	0.4	PASS	ND
CADMIUM	ppm	0.066	0.2	0.4	PASS	ND
LEAD	ppm	0.166	0.5	1	PASS	ND
MERCURY	ppm	0.0333	0.1	0.2	PASS	ND

Analyzed by: 398, 134, 545	Weight: 0.1918g	Extraction date: 08/29/25 11:51:27	Extracted by: 398
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Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ

Analytical Batch : N/A

Instrument Used : N/A

Batch Date : N/A

Analyzed Date : N/A

Dilution : 50

Reagent : 102824.05; 081825.R34; 082525.R25; 082925.R06; 010325.09; 080125.01; 090922.04

Consumables : 042425CH01; 220321-306-D; 1008741093; 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).

CONFIDENT CANNABIS QR

* Confident Cannabis sample ID: 2508KLAZ1002.4237

