

## **Certificate of Analysis**

Laboratory Sample ID: TE40718002-002



### Jul 23, 2024 | Total Health & Wellness dba True Harvest

License # 00000100DCWU00857159

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

#### SAFETY RESULTS



**Pesticides PASSED** 



Heavy Metals **PASSED** 



Microbials **PASSED** 



Mycotoxins **PASSED** 



Solvents **NOT TESTED** 



**NOT TESTED** 





Water Activity



**NOT TESTED** 



Production Method: Cured

**Kaycha Labs** 

Classification: Hybrid

Type: Cannabis Flower

Modified Banana Modified Banana Matrix: Flower

Harvest/Lot ID: AZTRHCL-20240718-015 Batch#: MOB240627

> Lot Date: 2024-07-18 11:15:05 **Harvest Date:** 06/27/24

Sample Size Received: 21.90 gram Total Amount: 7 gram

> Retail Product Size: 20 gram Retail Serving Size: 20 gram

Servings: 1 Ordered: 07/18/24

Sampled: 07/18/24

Sample Collection Time: 12:30 PM Completed: 07/23/24

**PASSED** 

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**Terpenes TESTED** 

**PASSED** 



### Cannabinoid

### 35.536%

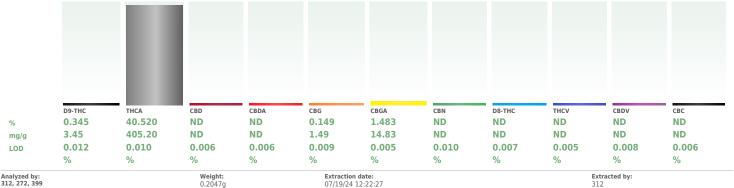




### **Total CBD**



**Total Cannabinoids** 42.152%



Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
Analytical Batch : TE005247POT
Instrument Used : TE-004 "Duke Leto" (Flower)
Analyzed Date : 07/17/24 18:24:39

Dilution: 400 Reagent : N/A Consumables : N/A Pipette: N/A

LOD

Reviewed On: 07/22/24 16:27:08

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 1C-20X0 series HPLCs.) Potency results for cannabin flower products are reported on an "as received" basis, without moisture correction.

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### **Ariel Gonzales**

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



### Kaycha Labs

Modified Banana Modified Banana Matrix: Flower

**PASSED** 

Type: Cannabis Flower

# **Certificate of Analysis**

4301 W Buckeye Rd. Phoenix, AZ , AZ, 85043, US Telephone: (612) 599-4361 Email: ipastor@trueharvestco.com **License #:** 00000100DCWU00857159 Sample: TE40718002-002 Harvest/Lot ID: AZTRHCL-20240718-015 Manufacturing Date: 07/18/24

Batch#:MOB240627 **Sampled:** 07/18/24 Ordered: 07/18/24

Sample Size Received: 21.90 gram Total Amount: 7 gram
Completed: 07/23/24 Expires: 07/23/25 Sample Method : SOP Client Method

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### Terpenes

**TESTED** 

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOI (%)		%	Result (%)
TOTAL TERPENES		21.171	2.1171		VALENCENE		ND	ND	
BETA-MYRCENE		6.200	0.6200		ALPHA-CEDRENE		ND	ND	
LIMONENE		6.152	0.6152		ALPHA-PHELLANDRENE		ND	ND	
BETA-CARYOPHYLLENE		3.409	0.3409		ALPHA-TERPINENE		ND	ND	
LINALOOL		1.451	0.1451		CIS-NEROLIDOL		ND	ND	
ALPHA-HUMULENE		1.098	0.1098		GAMMA-TERPINENE		ND	ND	
BETA-PINENE		0.768	0.0768		GAMMA-TERPINEOL		ND	ND	
ALPHA-TERPINEOL		0.696	0.0696		TRANS-NEROLIDOL		ND	ND	
FENCHYL ALCOHOL		0.523	0.0523		Analyzed by:	Weight: E	xtraction o	date:	Extracted by:
ALPHA-BISABOLOL		0.465	0.0465		334, 272, 399	0.2519g (	7/19/24 1	7:46:02	334,409
ALPHA-PINENE		0.409	0.0409		Analysis Method : SOP.T.30		64, SOP.T.	40.064	
3-CARENE		ND	ND		Analytical Batch : TE00527		TE 201 "C	C Tor	Reviewed On: 07/23/24 10:34:2 benes Batch Date: 07/19/24 13:20:26
BORNEOL		ND	ND		2",TE-292 "MS - Terpenes 2				
CAMPHENE		ND	ND		Analyzed Date : 07/19/24 1	7:58:48			
CAMPHOR		ND	ND		Dilution : N/A				
CARYOPHYLLENE OXIDE		ND	ND		Reagent: 070622.13; 0616		20. 0000	21462	12051 22205 2215, 1, 0022001.
CEDROL		ND	ND		17315771	109203-1; 04304	J30; 8000C	J31403;	12651-323CE-321E; 1; GD23001;
EUCALYPTOL		ND	ND		Pipette : N/A				
FENCHONE		ND	ND						single digit ppm concentrations. (Methods:
GERANIOL		ND	ND						ep, and SOP.T.40.064 for analysis via d injection autosampler and detection carried
GERANYL ACETATE		ND	ND		out by ISQ 7000-series mass s	pectrometer). Terpe	ene results a	are report	ed on a wt/wt% basis. Testing result is for
GUAIOL		ND	ND						esting requirements in R9-17-317.01(A) or juana establishment testing requirements in
ISOBORNEOL		ND	ND		R9-18-311(A) or labeling requi			,	
ISOPULEGOL		ND	ND						
MENTHOL		ND	ND						
NEROL		ND	ND						
OCIMENE		ND	ND						
PULEGONE		ND	ND						
SABINENE		ND	ND						
SABINENE HYDRATE		ND	ND						
TERPINOLENE		ND	ND						
otal (%)		2.	1170						

Total (%)

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Modified Banana Modified Banana Matrix: Flower



Type: Cannabis Flower

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Completed: 07/23/24 Expires: 07/23/25 Sample Method : SOP Client Method

**PASSED** 

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### **Pesticides**

### **PASSED**

Pesticide	LOD	Units	Action Level		Result	Pesticide		LOD	Units	Action Level	Pass/Fail	Result
VERMECTINS (ABAMECTIN B1A)	0.0170		0.5	PASS	ND	TOTAL SPINOSAD		0.0060	ppm	0.2	PASS	ND
CEPHATE			0.4	PASS	ND	SPIROMESIFEN		0.0080	ppm	0.2	PASS	ND
CETAMIPRID			0.2	PASS	ND	SPIROTETRAMAT		0.0060	ppm	0.2	PASS	ND
LDICARB	0.0140		0.4	PASS	ND	SPIROXAMINE		0.0040		0.4	PASS	ND
ZOXYSTROBIN	0.0050		0.2	PASS	ND	TEBUCONAZOLE		0.0040		0.4	PASS	ND
BIFENAZATE		1.1.	0.2	PASS	ND			0.0040	ppm	0.2	PASS	ND
BIFENTHRIN			0.2	PASS	ND	THIACLOPRID					PASS	
OSCALID			0.4	PASS	ND	THIAMETHOXAM		0.0060	ppm	0.2		ND
ARBARYL	0.0080	ppm	0.2	PASS	ND	TRIFLOXYSTROBIN		0.0060		0.2	PASS	ND
ARBOFURAN		ppm	0.2	PASS	ND	CHLORFENAPYR *		0.0270	ppm	1	PASS	ND
HLORANTRANILIPROLE	0.0110		0.2	PASS	ND	CYFLUTHRIN *		0.0150	ppm	1	PASS	ND
HLORPYRIFOS	0.0050	1.1.	0.2	PASS	ND	Analyzed by:	Weight:	Extraction	date:		Extracted	l bv:
LOFENTEZINE	0.0100		0.2	PASS	ND	152, 272, 399	0.5005g	07/19/24 1	2:03:58		410	
YPERMETHRIN	0.1000		1	PASS	ND	Analysis Method: SOP.T.30.500	SOP.T.30.104.AZ, SOP.T	.40.104.AZ				
DIAZINON	0.0060	ppm	0.2	PASS	ND	Analytical Batch : TE005263PES					n:07/22/24 15	
AMINOZIDE	0.0100	ppm	1	PASS	ND	Instrument Used :TE-118 "MS/N		JHPLC - Pest/Myco	2"	Batch Date	:07/18/24 16:5	6:22
DICHLORVOS (DDVP)	0.0010	ppm	0.1	PASS	ND	Analyzed Date : 07/19/24 14:25:	32					
DIMETHOATE	0.0060	ppm	0.2	PASS	ND	Dilution: 25	004-071724-017-07102-	4 DO4: 070024 DO	D. 061224 DO	1. 061224 022-0710	24 011 04102	2.00
THOPROPHOS	0.0040	ppm	0.2	PASS	ND	Reagent: 071124.R05; 071124. Consumables: 947.155; 800003					24.K11; U4182.	3.06
TOFENPROX	0.0060	ppm	0.4	PASS	ND	Pipette : TE-060 SN:20C35457 (				001, 420220-JC		
TOXAZOLE	0.0040	ppm	0.2	PASS	ND	Pesticide screening is carried out u				ticides (Methods: SO)	P T 30 500 for sa	amnle
ENOXYCARB	0.0050	ppm	0.2	PASS	ND	homogenization, SOP.T.30.104.AZ						
ENPYROXIMATE	0.0040	ppm	0.4	PASS	ND	Analyzed by:	Weight:	Extraction	date:		Extracted	bv:
IPRONIL	0.0060	ppm	0.4	PASS	ND	152, 272, 399	0.5005g	07/19/24 1	2:03:58		410	,
LONICAMID	0.0090	ppm	1	PASS	ND	Analysis Method: SOP.T.30.500	SOP.T.30.104.AZ, SOP.T	.40.154.AZ				
LUDIOXONIL	0.0060	ppm	0.4	PASS	ND	Analytical Batch : TE005282VOL					n:07/22/24 15	
IEXYTHIAZOX	0.0050	ppm	1	PASS	ND	Instrument Used :TE-118 "MS/N		JHPLC - Pest/Myco	2"	Batch Date	:07/19/24 17:4	15:21
MAZALIL	0.0110		0.2	PASS	ND	Analyzed Date : 07/19/24 17:46:	12					
MIDACLOPRID	0.0080	ppm	0.4	PASS	ND	Dilution: 25 Reagent: 071124.R05: 071124.	004-071724-017-07102-	1 004: 070024 00	2. 061224 00	1. 061224 022, 0710	24 011, 04102	2.06
RESOXIM-METHYL	0.0070		0.4	PASS	ND	Consumables: 947.155: 800003					24.K11; U4162.	3.00
MALATHION	0.0070		0.2	PASS	ND	Pipette : TE-060 SN:20C35457 (				001, 420220-jC		
METALAXYL	0.0040		0.2	PASS	ND	Supplemental pesticide screening				Cyfluthrin, Cynermeth	rin, and Diazino	n: as well as
METHIOCARB	0.0040		0.2	PASS	ND	qualitative confirmation of Dichlor	os, Permethrins, Piperony	Butoxide, Pralleth	nrin, Propicona:	zole, Pyrethrins, and T	ebuconazole wh	hich are all
METHOCARD	0.0050		0.4	PASS	ND	quantitaively screened using LC-M						
IYCLOBUTANIL	0.0100		0.2	PASS	ND	for analysis using a ThermoScietifi	c 1310-series GC equipped	with a TriPlus RSI	H autosampler	and detected on a TS	Q 9000-series m	nass spectron
	0.0070		0.5	PASS	ND							
ALED			1	PASS	ND ND							
XAMYL	0.0050	1.1.	0.4	PASS	ND ND							
ACLOBUTRAZOL	0.0030		0.4	PASS	ND ND							
OTAL PERMETHRINS		1.1.		PASS								
HOSMET	0.0100		0.2	PASS	ND							
IPERONYL BUTOXIDE	0.0050		2		ND							
RALLETHRIN	0.0130	1.1.	0.2	PASS	ND							
ROPICONAZOLE	0.0050		0.4	PASS	ND							
ROPOXUR	0.0050		0.2	PASS	ND							
TOTAL PYRETHRINS	0.0010	1.1.	1	PASS	ND							
PYRIDABEN	0.0040	ppm	0.2	PASS	ND							

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### **Ariel Gonzales**

Lab Director

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### Kaycha Labs

Modified Banana Modified Banana

Matrix: Flower Type: Cannabis Flower



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Batch#: MOB240627

Sampled: 07/18/24 Ordered: 07/18/24 Sample Size Received: 21.90 gram

Total Amount: 7 gram
Completed: 07/23/24 Expires: 07/23/25 Sample Method : SOP Client Method

PASSED

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### **Microbial**

### **PASSED**



Analyte **TOTAL A** ΔΕΙ ΔΤΟΣ

### **Mycotoxins**

### **PASSED**

Analyte		LOD	Units	Result	Action Level				
SALMONELLA SPP				Not Present in 1g	PASS				
ASPERGILLUS FLA	VUS			Not Present in 1g	PASS				
ASPERGILLUS FUM	IIGATUS			Not Present in 1g					
ASPERGILLUS NIG	ER			Not Present in 1g					
ASPERGILLUS TER	REUS			Not Present in 1g	PASS				
ESCHERICHIA COL	I REC	10.0000	CFU/g	<10	PASS	100			
Analyzed by:	Weight:		on date:		Extracted by:				
331, 272, 399	1.0837g	07/18/2	4 15:43:	58 8	87,331				

Analysis Method: SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ Analytical Batch: TE005261MIC **Reviewed On:** 07/22/24 15:51:38Instrument Used : TE-234 "bioMerieux GENE-UP" Batch Date: 07/18/24 15:08:09 Analyzed Date: N/A

Reagent: 052224.20; 070224.33; 040124.49; 040124.50; 080423.46; 060724.02; 060424.23;

070224.38; 050724.07; 070224.16; 070224.22; 042924.09; 071624.R01

Consumables: N/A Pipette: N/A

	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXINS	1.4870	ppb	ND	PASS	20
XIN B1	1.4700	ppb	ND	PASS	20
XIN B2	1.8000	ppb	ND	PASS	20
VIN CI	1 0000		ND	DACC	20

Analyzed by: 152, 272, 399	Weight: 0.5005a	Extraction date 07/19/24 12:03			Extracted 410	d by:	
OCHRATOXIN A		4.6100	ppb	ND	PASS	20	
AFLATOXIN G2		3.2500	ppb	ND	PASS	20	
AFLATOXIN G1		1.9000	ppb	ND	PASS	20	
AFLATOXIN B2		1.8000	ppb	ND	PASS	20	
AI LATONIN DI		1.7700	ppp	IND		20	

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

Analytical Batch: TE005281MYC**Reviewed On:** 07/22/24 15:48:30 Instrument Used: N/A Batch Date: 07/19/24 17:44:05

Analyzed Date: 07/19/24 17:45:05

Reagent: 071124.R05; 071124.R04; 071724.R17; 071824.R04; 070824.R03; 061224.R01; 061224.R23; 071824.R11; 041823.06

 $\textbf{Consumables:}\ 947.155;\ 8000038072;\ 111423CH01;\ 220318-306-D;\ 1008645998;\ GD23001;$ 

Pipette: TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (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 Aflotoxins B1, B2, G1, G2) must be <20μg/kg.



### **Heavy Metals**

### **PASSED**

Metal			LOD	Units	Result	Pass / Fail	Action Level
ARSENIC			0.0030	ppm	ND	PASS	0.4
CADMIUM			0.0020	ppm	ND	PASS	0.4
LEAD			0.0010	ppm	ND	PASS	1
MERCURY			0.0125	ppm	ND	PASS	0.2
Analyzed by: 398, 39, 272, 3	99	Weight: 0.2002g	07/19/24 11:			Extracted 398	d by:

Analysis Method: SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ
Analytical Batch: TE005265HEA
Reviewed On: 07/20/ Reviewed On: 07/20/24 13:11:05 Batch Date : 07/18/24 18:12:08

Instrument Used : TE-153 "Bill" Analyzed Date: N/A

Reagent: 101723.14; 070824.R01; 070924.R01; 032724.02; 070524.01; 100121.01 Consumables: 12651-323CE-321E: 111423CH01: 210705-306-D: 210725-598-D Pipette: TE-065 SN:20B18327 (100-1000uL); TE-110 SN:20B18338 (100-1000uL)

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).

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Modified Banana Modified Banana Matrix : Flower

Type: Cannabis Flower

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Completed: 07/23/24 Expires: 07/23/25
Sample Method: SOP Client Method

PASSED

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### **COMMENTS**

\* Confident Cannabis sample ID: 2407KLAZ0476.1934



\* Pesticide TE40718002-002PES

1 - M1: Daminozide, Imidacloprid.

\* Volatile Pesticides TE40718002-002VOL

1 - M2: Chlorfenapyr.

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Modified Banana Modified Banana Matrix : Flower



**PASSED** 

Type: Cannabis Flower

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\* Confident Cannabis sample ID: 2407KLAZ0476.1934



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