

## **Certificate of Analysis**

Laboratory Sample ID: TE41016002-003



## Oct 19, 2024 | Total Health & Wellness dba True Harvest

License # 00000100DCWU00857159

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

#### **Kaycha Labs**

Sour Haze Sour Haze



Matrix: Flower Classification: Hybrid Type: Cannabis Flower

Production Method: Cured

Harvest/Lot ID: AZTRHCL-20241016-003

Batch#: SOH240923

Manufacturing Date: 2024-09-23

Lot Date: 2024-09-23 **Harvest Date:** 09/23/24

Sample Size Received: 16.90 gram

Total Amount: 7 gram

Retail Product Size: 15 gram

Retail Serving Size: 15 gram

Servings: 1 **Ordered:** 10/16/24

Sampled: 10/16/24

Sample Collection Time: 12:45 PM

Completed: 10/19/24

Pages 1 of 6

#### SAFETY RESULTS



Pesticides **PASSED** 



**Heavy Metals PASSED** 



Microbials **PASSED** 



Mycotoxins **PASSED** 



Solvents **NOT TESTED** 



**NOT TESTED** 



**NOT TESTED** 



**NOT TESTED** 



MISC.

**Terpenes TESTED** 

**PASSED** 



#### Cannabinoid

**Total THC 27.1061%** 



**Total CBD** 



**Total Cannabinoids** 



Analysis Method: SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
Analytical Batch: TE006162POT

Instrument Used: TE-004 "Duke Leto" (Flower) Analyzed Date : 10/17/24 12:41:23

Dilution: 400 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.

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#### **Ariel Gonzales**

Lab Director

Ratch Date: 10/16/24 11:30:52

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



#### **Kaycha Labs**

Sour Haze Sour Haze Matrix: Flower



Type: Cannabis Flower

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Lot Date: 09/23/24

Batch#: SOH240923 **Sampled:** 10/16/24 Ordered: 10/16/24

Sample Size Received: 16.90 gram

Total Amount: 7 gram
Completed: 10/19/24 Expires: 10/19/25 Sample Method : SOP Client Method

**PASSED** 

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#### Terpenes

**TESTED** 

Terpenes	LOQ (%)	mg/g	%	Result (%)	Terpenes	LOQ (%)	mg/g	%	Result (%)	
TOTAL TERPENES	0.0020	35.868	3.5868		VALENCENE	0.0020	ND	ND		
TERPINOLENE	0.0020	13.388	1.3388		ALPHA-CEDRENE	0.0020	ND	ND		
BETA-MYRCENE	0.0020	5.928	0.5928		ALPHA-TERPINENE	0.0020	ND	ND		
BETA-CARYOPHYLLENE	0.0020	4.491	0.4491		ALPHA-TERPINEOL	0.0020	ND	ND		
OCIMENE	0.0020	3.559	0.3559		CIS-NEROLIDOL	0.0020	ND	ND		
LIMONENE	0.0020	2.592	0.2592		GAMMA-TERPINENE	0.0020	ND	ND		
LINALOOL	0.0020	1.557	0.1557		GAMMA-TERPINEOL	0.0020	ND	ND		
BETA-PINENE	0.0020	1.419	0.1419		TRANS-NEROLIDOL	0.0020	ND	ND		
ALPHA-HUMULENE	0.0020	1.382	0.1382		Analyzed by:	Weight:	Extraction	on date:		Extracted by:
ALPHA-PINENE	0.0020	0.669	0.0669		409, 334, 272, 399	0.2533g	10/16/2	4 17:00:5	51	334,445
ALPHA-BISABOLOL	0.0020	0.641	0.0641		Analysis Method : SOP.T.30.50	0, SOP.T.30.064, SC	P.T.40.0	64		
ALPHA-PHELLANDRENE	0.0020	0.242	0.0242		Analytical Batch: TE006169TE Instrument Used: TE- 290 "AS		1 "CC '	Tornonor	2" TE 202 Batch	Date : 10/16/24 14:26:
3-CARENE	0.0020	ND	ND		"MS - Terpenes 2",TE-279 Vac			rerpenes	2 ,IE-292 Batch	Date: 10/10/24 14:20:
BORNEOL	0.0020	ND	ND		Analyzed Date: 10/17/24 12:3					
CAMPHENE	0.0020	ND	ND		Dilution : N/A					
CAMPHOR	0.0020	ND	ND		Reagent: 101723.21; 051923			001460	20240202 1 00	
CARYOPHYLLENE OXIDE	0.0020	ND	ND		Consumables: 9479291.110;   Pipette: N/A	H109203-1; 043040	30; 8000	031463;	20240202; 1; GD	23006; 1/315//1
CEDROL	0.0020	ND	ND		Terpenes screening is performed u	ising GC-MS which can	detect he	low single	digit nom concentr	ations (Methods:
EUCALYPTOL	0.0020	ND	ND		SOP.T.30.500 for sample homoger	nization, SOP.T.30.064	for sample	prep, and	SOP.T.40.064 for a	inalysis via ThermoScienti
FENCHONE	0.0020	ND	ND		1310-series GC equipped with an a mass spectrometer). Terpene resu					
FENCHYL ALCOHOL	0.0020	ND	ND		cannot be used to satisfy dispensa	ry testing requirement	s in R9-17	-317.01(À	) or labeling require	ments in R9-17-317. Nor,
GERANIOL	0.0020	ND	ND		can it be used to satisfy marijuana R9-18-310 - Q3.	establishment testing	requirem	ents in R9	-18-311(A) or labelii	ng requirements in
GERANYL ACETATE	0.0020	ND	ND							
GUAIOL	0.0020	ND	ND							
ISOBORNEOL	0.0020	ND	ND							
ISOPULEGOL	0.0020	ND	ND							
MENTHOL	0.0020	ND	ND							
NEROL	0.0020	ND	ND							
PULEGONE	0.0020	ND	ND							
SABINENE	0.0020	ND	ND							
SABINENE HYDRATE	0.0020	ND	ND							

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#### **Ariel Gonzales**

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



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Sour Haze Sour Haze Matrix: Flower

Type: Cannabis Flower

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Total Amount: 7 gram
Completed: 10/19/24 Expires: 10/19/25 Sample Method : SOP Client Method

**PASSED** 

Page 3 of 6



#### **Pesticides**

#### **PASSED**

esticide VERMECTINS (ABAMECTIN B1A)	LOQ 0.2500	Units	Action Level 0.5	Pass/Fail PASS	Result ND	Pesticide TOTAL SPINOSAD		LOQ 0.1000	Units	Action Level 0.2	Pass/Fail PASS	Result ND
CEPHATE	0.2000	ppm	0.4	PASS	ND				ppm	0.2	PASS	ND
ETAMIPRID	0.1000	ppm	0.2	PASS	ND	SPIROMESIFEN		0.1000				
DICARB	0.2000	ppm	0.4	PASS	ND	SPIROTETRAMAT		0.1000	ppm	0.2	PASS	ND
OXYSTROBIN	0.1000	ppm	0.2	PASS	ND	SPIROXAMINE		0.2000	ppm	0.4	PASS	ND
FENAZATE	0.1000	ppm	0.2	PASS	ND	TEBUCONAZOLE		0.2000	ppm	0.4	PASS	ND
FENTHRIN	0.1000	ppm	0.2	PASS	ND	THIACLOPRID		0.1000	ppm	0.2	PASS	ND
DSCALID	0.2000	ppm	0.4	PASS	ND	THIAMETHOXAM		0.1000	ppm	0.2	PASS	ND
RBARYL	0.1000	ppm	0.2	PASS	ND	TRIFLOXYSTROBIN		0.1000	ppm	0.2	PASS	ND
ARBOFURAN	0.1000	ppm	0.2	PASS	ND	CHLORFENAPYR *		0.3000	ppm	1	PASS	ND
ILORANTRANILIPROLE	0.1000	ppm	0.2	PASS	ND	CYFLUTHRIN *		0.5000	ppm	1	PASS	ND
ILORPYRIFOS	0.1000	ppm	0.2	PASS	ND					*		
OFENTEZINE	0.1000	ppm	0.2	PASS	ND	Analyzed by: 152, 39, 272, 399	Weight: 0.5037q		on date: 16:41:23		Extracted I 152,410	oy:
PERMETHRIN	0.5000		1	PASS	ND	Analysis Method : SOP.T.30.500			10.41.23		132,410	
AZINON	0.1000	ppm	0.2	PASS	ND	Analytical Batch :TE006159PES	JOI.1.JU.104.AZ, JUF.1.40.1	UT.AL				
AMINOZIDE	0.5000	ppm	1	PASS	ND	Instrument Used :TE-262 "MS/M	S - Pest/Myco 2",TE-117 UHPL	.C - Pest/Myc	0 2	Batch D	ate:10/16/24	10:42:00
CHLORVOS (DDVP)	0.0500	ppm	0.1	PASS	ND	Analyzed Date: 10/18/24 15:07:						
METHOATE	0.1000	ppm	0.2	PASS	ND	Dilution: 25						
HOPROPHOS	0.1000		0.2	PASS	ND	Reagent: 100824.R61; 100824.	R60; 100824.R28; 100824.R2	7; 101524.R3	4; 101524.R0	09; 100824.R22; 1015	24.R35	
OFENPROX	0.2000	ppm	0.4	PASS	ND	Consumables: N/A Pipette: TE-060 SN:20C35457 (2	00 200-11. TE 055 5N-200102	27 /100 100	0I ). TE 100	CN-20010227 (100.10	200-11	
OXAZOLE	0.1000	1-1-	0.2	PASS	ND	Pesticide screening is carried out u						
NOXYCARB	0.1000	ppm	0.2	PASS	ND	homogenization, SOP.T.30.104.AZ						
NPYROXIMATE	0.2000		0.4	PASS	ND	Analyzed by:	Weight:		on date:	moscientine mas roq	Extracted I	
PRONIL	0.2000	ppm	0.4	PASS	ND	152, 39, 272, 399	0.5037q		16:41:23		152,410	y.
ONICAMID	0.5000		1	PASS	ND	Analysis Method: SOP.T.30.500	SOP.T.30.104.AZ. SOP.T.40.1	54.AZ				
UDIOXONIL	0.2000	ppm	0.4	PASS	ND	Analytical Batch : TE006184VOL						
EXYTHIAZOX	0.5000	ppm	1	PASS	ND	Instrument Used : TE-117 UHPLO		5 - Pest/Myco	2	Batch D	ate:10/17/241	2:26:54
IAZALIL	0.1000		0.2	PASS	ND	Analyzed Date: 10/18/24 15:10:	39					
IIDACLOPRID	0.2000	ppm	0.4	PASS	ND	Dilution: 25 Reagent: 100824.R61: 100824.	3CO- 100034 D30- 100034 D3	7. 101F34 D3	4. 101E34 B0	00. 1000024 022. 1015	24 025	
RESOXIM-METHYL	0.2000	ppm	0.4	PASS	ND	Consumables : N/A	R00; 100624.R26; 100624.R2	/; 101524.K3	14; 101524.RU	J9; 100824.KZZ; 1015	124.K33	
ALATHION	0.1000	ppm	0.2	PASS	ND	Pipette : TE-060 SN:20C35457 (2	0-200ul ): TE-065 SN:20B183	27 (100-100	Out): TF-108	SN:20B18337 (100-10	000uL)	
ETALAXYL	0.1000	ppm	0.2	PASS	ND	Supplemental pesticide screening						n: as well as ti
ETHIOCARB	0.1000		0.2	PASS	ND	qualitative confirmation of Dichlon	os, Permethrins, Piperonyl But	oxide, Pralletl	nrin, Propicona	azole, Pyrethrins, and T	Tebuconazole wh	ich are all
ETHOMYL	0.2000		0.4	PASS	ND	quantitaively screened using LC-M						
YCLOBUTANIL	0.1000	ppm	0.2	PASS	ND	for analysis using a ThermoScietific	1310-series GC equipped with	a FriPlus RSI	н autosampler	r and detected on a TS	Q 9000-series m	ass spectrom
ALED	0.2500	ppm	0.5	PASS	ND							
XAMYL	0.5000	ppm	1	PASS	ND							
XAMYL ACLOBUTRAZOL	0.2000	ppm	0.4	PASS	ND							
OTAL PERMETHRINS	0.2000		0.4	PASS	ND ND							
	0.1000	ppm	0.2	PASS	ND							
IOSMET PERONYL BUTOXIDE	1.0000		2	PASS	ND ND							
ALLETHRIN	0.1000		0.2	PASS	ND ND							
	0.1000	1.1.	0.2	PASS	ND ND							
OPICONAZOLE		ppm	0.4	PASS	ND ND							
ROPOXUR OTAL PYRETHRINS	0.1000 0.5000	ppm	0.2	PASS	ND ND							

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#### **Ariel Gonzales**

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



#### Kaycha Labs

Sour Haze Sour Haze Matrix: Flower



Type: Cannabis Flower

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Lot Date: 09/23/24 Batch#: SOH240923

Sampled: 10/16/24 Ordered: 10/16/24 Sample Size Received: 16.90 gram

Total Amount: 7 gram
Completed: 10/19/24 Expires: 10/19/25 Sample Method : SOP Client Method

PASSED

Page 4 of 6

Units

Result

ND

ND

ND

ND



#### **Microbial**

### **PASSED**



**TOTAL AFLATOXINS** 

AFLATOXIN B1

AFLATOXIN B2

AFLATOXIN G1

Analyte

### **Mycotoxins**

### **PASSED**

Action

Level

20

20

20

20

Pass /

Fail

PASS

PASS

PASS

PASS

Analyte		LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP		0.0000		Not Present in 1g	PASS	
ASPERGILLUS FLA	VUS	0.0000		Not Present in 1g	PASS	
ASPERGILLUS FUM	IIGATUS	0.0000		Not Present in 1g	PASS	
ASPERGILLUS NIG	0.0000		Not Present in 1g	PASS		
ASPERGILLUS TER	0.0000		Not Present in 1g	PASS		
ESCHERICHIA COL	I REC	10.0000	CFU/g	<10	PASS	100
Analyzed by: 87, 272, 399	Weight: 0.971g		on date: 4 12:04:1		Extracted 331	by:

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

Analytical Batch : TE006176MIC
Instrument Used : TE-234 "bioMerieux GENE-UP" Batch Date: 10/16/24 17:34:03

Analyzed Date: 10/19/24 19:33:35

Dilution: 10 Reagent: N/A Consumables : N/A Pipette: N/A

**AFLATOXIN G2** 10.7250 ppb ND PASS 20 **OCHRATOXIN A** 12.0000 ppb PASS 20 ND Extraction date: 10/16/24 16:41:23 Analyzed by: 152, 39, 272, 399 **Weight:** 0.5037g Extracted by:

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

Analytical Batch: TE006183MYC

Instrument Used : TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Batch Date : 10/17/24 12:25:42

LOQ

4.8510 ppb

4.8510 ppb

5.9400 ppb

6.2700 ppb

Analyzed Date:  $10/18/24\ 15:09:38$ 

Dilution: 25

Reagent: 100824.R61; 100824.R60; 100824.R28; 100824.R27; 101524.R34; 101524.R09;

100824.R22: 101524.R35

Consumables : N/A

Pipette: TE-060 SN:20C35457 (20-200uL); TE-065 SN:20B18327 (100-1000uL); 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  $<20\mu g/kg$ . Ochratoxin must be <20µg/kg.



## **Heavy Metals**

#### **PASSED**

Metal		LOQ U	Inits Resu	lt Pass / Fail	Action Level
ARSENIC		0.2000 p	pm NE	PASS	0.4
CADMIUM		0.2000 p	pm NE	PASS	0.4
LEAD		0.5000 p	pm NE	PASS	1
MERCURY		0.6000 p	pm NE	PASS	0.2
Analyzed by: 398, 272, 399	Weight: 0.2029g	Extraction date: 10/18/24 12:06:16	5	Extracte 398	d by:

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

Analytical Batch : TE006192HEA Instrument Used: TE-153 "Bill" Analyzed Date: 10/18/24 16:50:18

Batch Date: 10/17/24 16:12:33

Reagent: 101723.15; 101024.R01; 100824.R09; 032724.08; 101124.01; 100121.01

Consumables: 20240202; 210705-306-D; 210725-598-D

Pipette: TE-063 SN:20C50490 (20-200uL); 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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Sample Method : SOP Client Method

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#### **COMMENTS**

\* Confident Cannabis sample ID: 2410KLAZ0720.2992



\* Pesticide TE41016002-003PES

1 - M2: Total Spinosad.

\* Cannabinoid TE41016002-003POT

1 - M3:CBDV CBDA CBGA CBG CBD THCV CBN d9-THC d8-THC CBC THCA

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**PASSED** 

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#### COMMENTS

\* Confident Cannabis sample ID: 2410KLAZ0720.2992



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