

# **Certificate of Analysis**

Laboratory Sample ID: TE41206004-007



Dec 10, 2024 | Total Health & Wellness dba True Harvest

License # 00000100DCWU00857159

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

### **Kaycha Labs**

Jack Herer Jack Herer





Type: Flower-Cured

Harvest/Lot ID: AZTRHCL-20241206-057

Batch#: JKH241119

Manufacturing Date: 2024-11-19

Production Method: Indoor

Lot Date: 2024-11-19

**Harvest Date: 11/19/24** 

Sample Size Received: 15.12 gram

Total Amount: 7 gram

Retail Product Size: 15 gram Retail Serving Size: 15 gram

> Servings: 1 **Ordered:** 12/06/24

Sampled: 12/06/24

Sample Collection Time: 01:30 PM

**Completed: 12/10/24** 

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#### SAFETY RESULTS



**Pesticides PASSED** 



**Heavy Metals PASSED** 



Microbials **PASSED** 



Mycotoxins **PASSED** 



Solvents **NOT TESTED** 



**NOT TESTED** 



**NOT TESTED** 



**NOT TESTED** 



MISC.

**Terpenes PASSED** 

**PASSED** 



#### Cannabinoid

**Total THC** 

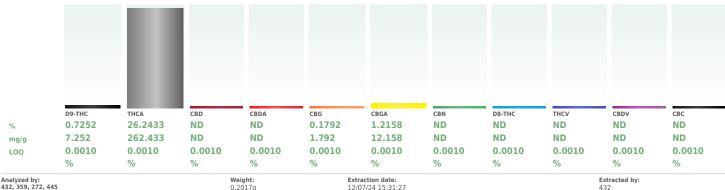
23.7405%



**Total CBD** 



**Total Cannabinoids** 



Analysis Method: SOP.T.30.500, SOP.T.30.031, SOP.T.40.031 Analytical Batch: TE006803POT Instrument Used: TE-004 "Duke Leto" (Flower)

Analyzed Date : 12/10/24 11:08:49

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

mg/g

LOQ

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: 12/07/24 09:29:30

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



#### **Kaycha Labs**

Jack Herer Jack Herer Matrix: Flower



**PASSED** 

Type: Flower-Cured

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Lot Date: 11/19/24

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Total Amount : 7 gram
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### Terpenes

**PASSED** 

Terpenes	LOQ (%)	mg/g	%	Result (%)	Terpenes		LOQ (%)	mg/g	%	Result (%)
TOTAL TERPENES	0.0020	23.841	2.3841		ALPHA-CEDRENE		0.0020	ND	ND	
TERPINOLENE	0.0020	10.999	1.0999		ALPHA-PHELLANDRE	NE	0.0020	ND	ND	
BETA-CARYOPHYLLENE	0.0020	5.112	0.5112		ALPHA-TERPINENE		0.0020	ND	ND	
ALPHA-HUMULENE	0.0020	2.372	0.2372		ALPHA-TERPINEOL		0.0020	ND	ND	
DCIMENE	0.0020	2.090	0.2090		CIS-NEROLIDOL		0.0020	ND	ND	
BETA-MYRCENE	0.0020	1.547	0.1547		GAMMA-TERPINENE		0.0020	ND	ND	
BETA-PINENE	0.0020	0.916	0.0916		GAMMA-TERPINEOL		0.0020	ND	ND	
ALPHA-PINENE	0.0020	0.805	0.0805		TRANS-NEROLIDOL		0.0020	ND	ND	
3-CARENE	0.0020	ND	ND		Analyzed by:	Weight:	Exti	raction d	ate:	Extracted by:
BORNEOL	0.0020	ND	ND		334, 272, 445	0.2438g	12/	06/24 17	:03:59	334,445
AMPHENE	0.0020	ND	ND		Analysis Method : SOP.		30.064, SC	P.T.40.0	64	
AMPHOR	0.0020	ND	ND		Analytical Batch : TE00		s 1" TF_00	17 "ΔS <sub>=</sub> T	ernenes	1",TE-093 Batch Date: 12/06/24 14:24:2
ARYOPHYLLENE OXIDE	0.0020	ND	ND		"GC - Terpenes 1"	70 M3 - Terpene	3 I ,IL-03	// A3 - I	erpenes	1 ,1L-093 Batch Date : 12/00/24 14:24:2
EDROL	0.0020	ND	ND		Analyzed Date: 12/10/2	4 09:54:05				
UCALYPTOL	0.0020	ND	ND		Dilution : N/A					
ENCHONE	0.0020	ND	ND		Reagent: 101723.23; 0		00021462	202402	02. 1. 61	222006, 04204020, 0000105470
ENCHYL ALCOHOL	0.0020	ND	ND		Pipette : N/A	; 1109203-1; 600	JUU31403;	202402	02; 1; GI	023006; 04304030; 0000185478
SERANIOL	0.0020	ND	ND		Terpenes screening is perf	ormed using GC-MS	S which can	detect be	low single	digit ppm concentrations. (Methods:
ERANYL ACETATE	0.0020	ND	ND		SOP.T.30.500 for sample h	omogenization, SO	P.T.30.064	for sample	prep, an	d SOP.T.40.064 for analysis via ThermoScientifi
GUAIOL	0.0020	ND	ND							and detection carried out by ISQ 7000-series result is for informational purposes only and
SOBORNEOL	0.0020	ND	ND		cannot be used to satisfy of	lispensary testing r	equirement	s in R9-17	-317.01(A	) or labeling requirements in R9-17-317. Nor,
SOPULEGOL	0.0020	ND	ND		R9-18-310 - Q3.	arijuana establishir	ient testing	requirem	ents in R9	-18-311(A) or labeling requirements in
IMONENE	0.0020	ND	ND							
INALOOL	0.0020	ND	ND							
MENTHOL	0.0020	ND	ND							
IEROL	0.0020	ND	ND							
PULEGONE	0.0020	ND	ND							
SABINENE	0.0020	ND	ND							
SABINENE HYDRATE	0.0020	ND	ND							
/ALENCENE	0.0020	ND	ND							
ALENCENE										

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#### **Ariel Gonzales**

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



#### **Kaycha Labs**

Jack Herer Jack Herer Matrix: Flower



**PASSED** 

Type: Flower-Cured

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Lot Date: 11/19/24

Batch#: JKH241119 **Sampled**: 12/06/24 Ordered: 12/06/24

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Total Amount : 7 gram
Completed : 12/10/24 Expires: 12/10/25 Sample Method : SOP Client Method

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#### **Pesticides**

#### **PASSED**

esticide	LOQ 0.2500	Units	Action Level 0.5	Pass/Fail PASS	Result ND	Pesticide		LOQ	Units	Action Level		Result
VERMECTINS (ABAMECTIN B1A)		1.1.	0.5	PASS	ND ND	TOTAL SPINOSAD		0.1000	ppm	0.2	PASS	ND
CEPHATE			0.4	PASS	ND ND	SPIROMESIFEN		0.1000	ppm	0.2	PASS	ND
CETAMIPRID LDICARB			0.2	PASS	ND ND	SPIROTETRAMAT		0.1000	ppm	0.2	PASS	ND
			0.2	PASS	ND	SPIROXAMINE		0.2000	ppm	0.4	PASS	ND
ZOXYSTROBIN IFENAZATE	0.1000		0.2	PASS	ND ND	TEBUCONAZOLE		0.2000	ppm	0.4	PASS	ND
		1.1.	0.2	PASS	ND ND	THIACLOPRID		0.1000	ppm	0.2	PASS	ND
FENTHRIN DSCALID	0.1000 0.2000		0.2	PASS	ND ND	THIAMETHOXAM		0.1000		0.2	PASS	ND
RBARYL	0.1000		0.2	PASS	ND ND	TRIFLOXYSTROBIN		0.1000		0.2	PASS	ND
ARBOFURAN		1.1.	0.2	PASS	ND	CHLORFENAPYR *		0.3000		1	PASS	ND
			0.2	PASS	ND ND					-	PASS	
HLORANTRANILIPROLE HLORPYRIFOS			0.2	PASS	ND ND	CYFLUTHRIN *		0.5000		1		ND
		1.1.	0.2	PASS	ND	Analyzed by:	Weight:	Extraction			Extracted	by:
OFENTEZINE			1	PASS	ND ND	152, 272, 445	0.5031g	12/06/24 1	6:44:52		410	
PERMETHRIN			0.2	PASS	ND ND	Analysis Method : SOP.T.30.50		Γ.40.104.AZ				
AZINON	0.1000 0.5000		1	PASS	ND ND	Analytical Batch : TE006792PE Instrument Used : TE-262 "MS		HHDLC - Doct/Myr	0.2	Ratch D	ate:12/06/24 1	5-00-35
AMINOZIDE	0.5000		0.1	PASS	ND ND	Analyzed Date :12/10/24 09:5		orn cc - resumye	.0 2	Dateii D	ate .12/00/24 1	
CHLORVOS (DDVP)		1.1.	0.1	PASS	ND ND	Dilution: 25						
METHOATE	0.1000 0.1000		0.2	PASS	ND ND	Reagent: 120424.R29; 12022	4.R12; 112124.R03; 1008	4.R27; 120624.R0	1; 120224.R08	; 120624.R03; 1206	24.R02; 041823	3.06
HOPROPHOS			0.2	PASS	ND ND	Consumables: 947.110; 8000				006; 426060-JG		
OFENPROX	0.2000			PASS		Pipette: TE-060 SN:20C35457						
OXAZOLE			0.2		ND	Pesticide screening is carried ou						
NOXYCARB	0.1000 0.2000		0.2	PASS	ND ND	homogenization, SOP.T.30.104.A			. ,	noscientific Altis ISQ		
NPYROXIMATE		1.1.	0.4	PASS	ND ND	Analyzed by: 152, 272, 445	Weight: 0.5031a	Extraction 12/06/24 1			Extracted 410	by:
PRONIL	0.2000 0.5000		0.4	PASS	ND ND	Analysis Method : SOP.T.30.50			.0.44.52		410	
ONICAMID		1.1.	0.4	PASS	ND ND	Analytical Batch : TE006797V0		1.40.134.AZ				
UDIOXONIL		1.1.		PASS		Instrument Used :TE-117 UHF		MS/MS - Pest/Myco	2	Batch D	ate:12/06/241	7:15:51
EXYTHIAZOX	0.5000		1		ND	Analyzed Date: 12/10/24 09:5	8:58					
IAZALIL	0.1000	1.1.	0.2	PASS PASS	ND ND	Dilution: 25						
IIDACLOPRID	0.2000			PASS		Reagent: 120424.R29; 12022					24.R02; 041823	3.06
RESOXIM-METHYL	0.2000		0.4		ND	Consumables: 947.110; 8000 Pipette: TE-060 SN:20C35457				106; 426060-JG		
ALATHION			0.2	PASS	ND	Supplemental pesticide screenin				- Contract	ala and Disalasa	
ETALAXYL			0.2	PASS	ND	qualitative confirmation of Dichle						
ETHIOCARB			0.2	PASS	ND	quantitaively screened using LC-						
ETHOMYL		1.1.	0.4	PASS	ND	for analysis using a ThermoSciet	tific 1310-series GC equippe	d with a TriPlus RS	H autosampler a	and detected on a TS	Q 9000-series ma	ass spectro
YCLOBUTANIL	0.1000		0.2	PASS	ND							
ALED	0.2500		0.5	PASS	ND							
KAMYL	0.5000		1	PASS	ND							
ACLOBUTRAZOL			0.4	PASS	ND							
OTAL PERMETHRINS	0.1000	1.1.	0.2	PASS	ND							
	0.1000		0.2	PASS	ND							
	1.0000		2	PASS	ND							
PERONYL BUTOXIDE		mag	0.2	PASS	ND							
PERONYL BUTOXIDE ALLETHRIN					ND							
PERONYL BUTOXIDE ALLETHRIN OPICONAZOLE	0.2000	ppm	0.4	PASS								
IOSMET PERONYL BUTOXIDE KALLETHRIN KOPICONAZOLE KOPOXUR	0.2000 0.1000	ppm	0.2	PASS	ND							
PERONYL BUTOXIDE ALLETHRIN OPICONAZOLE	0.2000 0.1000	ppm ppm ppm										

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#### **Ariel Gonzales**

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



#### Kaycha Labs

lack Herer lack Herer Matrix: Flower



Type: Flower-Cured

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Lot Date: 11/19/24

Batch#: JKH241119 Sampled: 12/06/24 Ordered: 12/06/24

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Sample Method : SOP Client Method

# PASSED

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#### **Microbial**



### **Mycotoxins**

### **PASSED**

Analyte	LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP	0.0000		Not Present in 1g	PASS	
ASPERGILLUS FLAVUS	0.0000		Not Present in 1g	PASS	
ASPERGILLUS FUMIGATUS	0.0000		Not Present in 1g	PASS	
ASPERGILLUS NIGER	0.0000		Not Present in 1g	PASS	
ASPERGILLUS TERREUS	0.0000		Not Present in 1g	PASS	
ESCHERICHIA COLI REC	10.0000	CFU/g	ND	PASS	100
				_	

	_		
Analyzed by: 87, 331, 272, 445	Weight: 1.032g	Extraction date: 12/09/24 20:29:39	Extracted by: 331

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

Analytical Batch : TE006807MIC
Instrument Used : TE-234 "bioMerieux GENE-UP" Batch Date: 12/09/24 09:25:30

Analyzed Date: 12/10/24 20:20:59

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

Analyte		LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AFLATOXINS		4.8510	ppb	ND	PASS	20
AFLATOXIN B1		4.8510	ppb	ND	PASS	20
AFLATOXIN B2		5.9400	ppb	ND	PASS	20
AFLATOXIN G1		6.2700	ppb	ND	PASS	20
AFLATOXIN G2		10.7250	ppb	ND	PASS	20
OCHRATOXIN A		12.0000	ppb	ND	PASS	20
Analyzed by: 152, 272, 445	Weight: 0.5031g	Extraction date: 12/06/24 16:44			Extracted 410	by:

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

Analytical Batch: TE006798MYC

Instrument Used : TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Batch Date : 12/06/24 17:16:55

**Analyzed Date:** 12/10/24 09:56:55

Dilution: 25

Reagent: 120424.R29; 120224.R12; 112124.R03; 100824.R27; 120624.R01; 120224.R08;

120624 R03: 120624 R02: 041823 06

Consumables: 947.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006;

426060-IG

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  $<20\mu g/kg$ . Ochratoxin must be <20µg/kg.



# **Heavy Metals**

### **PASSED**

Metal		LOQ	Units	Result	Pass / Fail	Action Level
ARSENIC		0.2000	ppm	ND	PASS	0.4
CADMIUM		0.2000	ppm	ND	PASS	0.4
LEAD		0.5000	ppm	ND	PASS	1
MERCURY		0.1000	ppm	ND	PASS	0.2
Analyzed by: 398, 272, 445	Weight: 0.1933g	Extraction date: 12/09/24 19:54:	14		by:	

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

Analytical Batch : TE006820HEA Instrument Used: TE-153 "Bill" Analyzed Date: 12/10/24 09:52:45

Batch Date: 12/09/24 13:34:20

 $\textbf{Reagent:} 122623.01; 120324.R11; 120924.R02; 081624.03; 112624.11; 100121.01 \\ \textbf{Consumables:} 052024 \\ \textbf{CH01}; 210705-306-D; 269336 \\$ 

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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Lab Director

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Jack Herer Jack Herer Matrix: Flower Type: Flower-Cured



**PASSED** 

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#### COMMENTS

\* Confident Cannabis sample ID: 2412KLAZ0884.3642



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