

# **Certificate of Analysis**

Laboratory Sample ID: TE41014001-011



Oct 17, 2024 | Project Packs License # 00000084ESFH12297246 2239 N Black Canyon Hwy Phoenix, AZ, 85009, US

## **Kaycha Labs**

Permanent Marker BX1 Matrix: Flower Classification: Hybrid

Type: Cannabis Flower

Production Method: Indoor Batch#: PBX1240710

**Harvest Date:** 09/30/24

Sample Size Received: 16.54 gram

Total Amount: 7 gram

Retail Product Size: 10 gram Retail Serving Size: 1 gram

> Servings: 10 Ordered: 10/14/24 Sampled: 10/14/24

Sample Collection Time: 11:15 AM

**Completed:** 10/17/24

## **PASSED**

### Pages 1 of 6

### **SAFETY RESULTS**







Heavy Metals **PASSED** 



Microbials **PASSED** 



**PASSED** 



Solvents **NOT TESTED** 



**NOT TESTED** 



Water Activity **NOT TESTED** 



Moisture **NOT TESTED** 



Terpenes **TESTED** 

**PASSED** 



## Cannabinoid

**Total THC** 





**Total CBD** 



**Total Cannabinoids** 29.4240%



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

Analytical Batch: TE006143POT Instrument Used: TE-004 "Duke Leto" (Flower) Analyzed Date: 10/16/24 16:42:27

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.

10/15/24 12:56:23

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### **Ariel Gonzales**

Lab Director

Batch Date: 10/14/24 16:35:27

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



### **Kaycha Labs**

PBX1240710 Permanent Marker BX1

Matrix: Flower Type: Cannabis Flower



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Project Packs

2239 N Black Canyon Hwy Phoenix, AZ, 85009, US Telephone: (530) 514-0500 Email: adam@proiectpacks.co **License # :** 00000084ESFH12297246 Sample : TE41014001-011 Batch#: PBX1240710 Sampled: 10/14/24 Ordered: 10/14/24

Sample Size Received: 16.54 gram Total Amount: 7 gram
Completed: 10/17/24 Expires: 10/17/25 Sample Method: SOP Client Method

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## Terpenes

**TESTED** 

Terpenes	LOQ (%)	mg/g	%	Result (%)	Ter	rpenes		LOQ (%)	mg/g	%	
TOTAL TERPENES	0.0020	25.009	2.5009		ALP	PHA-BISABOLOL		0.0020	ND	ND	
LIMONENE	0.0020	6.730	0.6730		ALP	PHA-CEDRENE		0.0020	ND	ND	
BETA-CARYOPHYLLENE	0.0020	5.490	0.5490		ALP	PHA-PHELLANDRENE		0.0020	ND	ND	
BETA-MYRCENE	0.0020	2.970	0.2970		ALP	PHA-TERPINENE		0.0020	ND	ND	
ALPHA-PINENE	0.0020	1.980	0.1980		CIS	-NEROLIDOL		0.0020	ND	ND	
LINALOOL	0.0020	1.921	0.1921		GAN	MMA-TERPINENE		0.0020	ND	ND	
OCIMENE	0.0020	1.670	0.1670		GAN	MMA-TERPINEOL		0.0020	ND	ND	
ALPHA-HUMULENE	0.0020	1.650	0.1650		TRA	ANS-NEROLIDOL		0.0020	ND	ND	
BETA-PINENE	0.0020	1.431	0.1431		Analy	yzed by:	Weight:	Ext	raction d	ate:	
FENCHYL ALCOHOL	0.0020	0.617	0.0617		334,	272, 333	0.253g	10/	15/24 11	:27:14	
ALPHA-TERPINEOL	0.0020	0.550	0.0550			ysis Method : SOP.T.30		.064, SO	P.T.40.0	64	
3-CARENE	0.0020	ND	ND			ytical Batch : TE00613 rument Used : TE-096 "		1 " TE 00"	7 II A C T		. 1
BORNEOL	0.0020	ND	ND			- Terpenes 1"	vis - Terperies	1 ,12-09	/ A3 - I	erperies	> T
CAMPHENE	0.0020	ND	ND		Analy	yzed Date: 10/16/24 1	6:45:33				
CAMPHOR	0.0020	ND	ND		Diluti	ion : N/A					
CARYOPHYLLENE OXIDE	0.0020	ND	ND			jent : 101723.21; 0519 sumables : 9479291.11				021462	. ว
CEDROL	0.0020	ND	ND			tte : N/A	U; M1U9ZU3-1;	0430403	0; 8000	J31403	; Z
EUCALYPTOL	0.0020	ND	ND		Terpe	enes screening is perform	ed usina GC-MS v	which can	detect be	low sinal	ie c
FENCHONE	0.0020	ND	ND		SOP.T	Γ.30.500 for sample homo	genization, SOP.	T.30.064 f	or sample	prep, ar	nd S
GERANIOL	0.0020	ND	ND			-series GC equipped with spectrometer). Terpene r					
GERANYL ACETATE	0.0020	ND	ND			ot be used to satisfy dispe					
GUAIOL	0.0020	ND	ND			i be used to satisfy mariju 3-310 – Q3.	ana establishme	nt testing	requireme	ents in K	9-I
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								
TERPINOLENE	0.0020	ND	ND								

Terpenes		LOQ (%)	mg/g	%	Result (%)		
ALPHA-BISABOLOL		0.0020	ND	ND			
ALPHA-CEDRENE		0.0020	ND	ND			
ALPHA-PHELLANDRENE		0.0020	ND	ND			
ALPHA-TERPINENE		0.0020	ND	ND			
CIS-NEROLIDOL		0.0020	ND	ND			
GAMMA-TERPINENE		0.0020	ND	ND			
GAMMA-TERPINEOL		0.0020	ND	ND			
TRANS-NEROLIDOL		0.0020	ND	ND			
Analyzed by: 334, 272, 333	Weight:		raction d			Extracted by:	

1".TE-093 Batch Date: 10/14/24 14:07:47

20240202; 1; GD23006; 17315771

e digit ppm concentrations. (Methods: of SOP. T.40.064 for analysis via ThermoScientific rand detection carried out by ISQ 7000-series g result is for informational purposes only and A) or labeling requirements in R9-17-317. Nor, 1-18-311(A) or labeling requirements in

Total (%)

2,5000

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**Ariel Gonzales** 

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



### **Kaycha Labs**

PBX1240710 Permanent Marker BX1

Matrix: Flower Type: Cannabis Flower

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PASSED

2239 N Black Canyon Hwy Phoenix, AZ, 85009, US Telephone: (530) 514-0500 Email: adam@proiectpacks.co **License # :** 00000084ESFH12297246 Sample: TE41014001-011 Batch#: PBX1240710 Sampled: 10/14/24 Ordered: 10/14/24

Sample Size Received: 16.54 gram Total Amount: 7 gram
Completed: 10/17/24 Expires: 10/17/25 Sample Method: SOP Client Method

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### **Pesticides**

|--|--|

Batch Date :10/14/24 16:11:25

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
AVERMECTINS (ABAMECTIN B1A)	0.2500	ppm	0.5	PASS	ND ND
ACEPHATE	0.2000	ppm	0.4	PASS	
ACETAMIPRID	0.1000	ppm	0.2	PASS	ND
ALDICARB	0.2000	ppm	0.4	PASS	ND ND
AZOXYSTROBIN	0.1000	ppm		PASS	
BIFENAZATE	0.1000	ppm	0.2		ND
BIFENTHRIN	0.1000	ppm	0.2	PASS	ND
BOSCALID	0.2000	ppm	0.4	PASS	ND
CARBARYL	0.1000	ppm	0.2		ND
CARBOFURAN	0.1000	ppm	0.2	PASS	ND
CHLORANTRANILIPROLE	0.1000	ppm	0.2	PASS	ND
CHLORPYRIFOS	0.1000	ppm	0.2	PASS	ND
CLOFENTEZINE	0.1000	ppm	0.2	PASS	ND
CYPERMETHRIN	0.5000	ppm	1	PASS	ND
DIAZINON	0.1000	ppm	0.2	PASS	ND
DAMINOZIDE	0.5000	ppm	1	PASS	ND
DICHLORVOS (DDVP)	0.0500	ppm	0.1	PASS	ND
DIMETHOATE	0.1000	ppm	0.2	PASS	ND
ETHOPROPHOS	0.1000	ppm	0.2	PASS	ND
ETOFENPROX	0.2000	ppm	0.4	PASS	ND
ETOXAZOLE	0.1000	ppm	0.2	PASS	ND
FENOXYCARB	0.1000	ppm	0.2	PASS	ND
FENPYROXIMATE	0.2000	ppm	0.4	PASS	ND
FIPRONIL	0.2000	ppm	0.4	PASS	ND
FLONICAMID	0.5000	ppm	1	PASS	ND
FLUDIOXONIL	0.2000	ppm	0.4	PASS	ND
HEXYTHIAZOX	0.5000	ppm	1	PASS	ND
IMAZALIL	0.1000	ppm	0.2	PASS	ND
IMIDACLOPRID	0.2000	ppm	0.4	PASS	ND
KRESOXIM-METHYL	0.2000	ppm	0.4	PASS	ND
MALATHION	0.1000	ppm	0.2	PASS	ND
METALAXYL	0.1000	ppm	0.2	PASS	ND
METHIOCARB	0.1000	ppm	0.2	PASS	ND
METHOMYL	0.2000	ppm	0.4	PASS	ND
MYCLOBUTANIL	0.1000	ppm	0.2	PASS	ND
NALED	0.2500	ppm	0.5	PASS	ND
OXAMYL	0.5000	ppm	1	PASS	ND
PACLOBUTRAZOL	0.2000	ppm	0.4	PASS	ND
TOTAL PERMETHRINS	0.1000	ppm	0.2	PASS	ND
PHOSMET	0.1000	ppm	0.2	PASS	ND
PIPERONYL BUTOXIDE	1.0000	ppm	2	PASS	ND
PRALLETHRIN	0.1000	ppm	0.2	PASS	ND
PROPICONAZOLE	0.2000	ppm	0.4	PASS	ND
PROPOXUR	0.1000	ppm	0.2	PASS	ND
TOTAL PYRETHRINS	0.5000	ppm	1	PASS	ND
PYRIDABEN	0.1000	ppm	0.2	PASS	ND

Pesticide		LOQ	Units	Action Level	Pass/Fail	Result
TOTAL SPINOSAD		0.1000	ppm	0.2	PASS	ND
SPIROMESIFEN		0.1000	ppm	0.2	PASS	ND
SPIROTETRAMAT		0.1000	ppm	0.2	PASS	ND
SPIROXAMINE		0.2000	ppm	0.4	PASS	ND
TEBUCONAZOLE		0.2000	ppm	0.4	PASS	ND
THIACLOPRID		0.1000	ppm	0.2	PASS	ND
THIAMETHOXAM		0.1000	ppm	0.2	PASS	ND
TRIFLOXYSTROBIN		0.1000	ppm	0.2	PASS	ND
CHLORFENAPYR *		0.3000	ppm	1	PASS	ND
CYFLUTHRIN *		0.5000	ppm	1	PASS	ND
Analyzed by:	Woight:	Ev	traction dat	0.1	Evtrac	ted by:

Analyzea Usate: 1109.11/19.02.647.4.

Dillution: 25

Reagen: 1100824.R61; 100824.R60; 100824.R28; 100824.R27; 100824.R01; 100824.R22; 041823.06; 100724.R09; 100424.R17

Consumables: 9479291.110; 8000038072; 20240202; 220318-306-D; 1008645998; GD23006; 425240JF

Pipette: 1E-060 SN2:0253457 (20-200ub.) TE-108 SN2:0818337 (100-1000ub)

Pettided screening is carried out using LeMSMRS supplemented by GC-MSMRS 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 sanylsis on ThermoScientific Altis TSQ with Vanquish UHPLC:

\*\*Wain-Nt.\*\*

\*\*Extracted by

\*\*Extra

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Matrix: Flower Type: Cannabis Flower



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Batch#: PBX1240710 Sampled: 10/14/24 Ordered: 10/14/24

Sample Size Received: 16.54 gram

Total Amount: 7 gram
Completed: 10/17/24 Expires: 10/17/25 Sample Method : SOP Client Method

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### Microbial



# **Mycotoxins**

December December 4 Action

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	<10	PASS	100
Analyzed by: 87, 272, 333	<b>Weight:</b> 0.9866g		on date: 4 12:56:		xtracted 331	by:

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

Analytical Batch: TE006136MIC
Instrument Used: TE-234 "bioMerieux GENE-UP" Batch Date: 10/14/24 13:07:14

**Analyzed Date :** 10/16/24 17:15:02

Dilution: 10 Reagent: 070224.66; 070224.68; 070224.70; 102523.35; 102523.37

Consumables : N/A Pipette: N/A

Analyte	LOQ Units	Kesuit	Pass / Fail	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, 410, 39, 272, 333 Extracted by: Weight: 0.5086g Extraction date: 10/15/24 12:53:40

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

Analytical Batch: TE006171MYC

Instrument Used: TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Batch Date: 10/16/24 15:34:58

Analyzed Date: 10/17/24 09:27:25

Dilution: 25

 $\textbf{Reagent:}\ 100824.R61;\ 100824.R60;\ 100824.R28;\ 100824.R27;\ 100824.R01;\ 100824.R22;$ 

041823.06; 100724.R09; 100424.R17

Consumables: 9479291.110; 8000038072; 20240202; 220318-306-D; 1008645998; GD23006;

Aflatoxins B1, B2, G1, G2, and Ochratoxin A analysis using LC-MS/MS. (Methods: SOP.T.30.500 for sample

Pipette: TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)

homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientil Altis TSQ with Vanquish UHPLC). Total Aflatoxins (sum of Aflotoxins B1, B2, G1, G2) must be <20µg/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		0.6000	ppm	ND	PASS	0.2	
Analyzed by:		Extraction date:			Extracted	by:	
39, 272, 333	0.2044a	10/16/24 11:59:	12		39		

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

Analytical Batch: TE006146HEA
Instrument Used: TE-051 "Metals Hood", TE-141 "Wolfgang", TE-153 Batch Date: 10/14/24

"Bill",TE-157 "Bill Pump",TE-156 "Bill Chiller",TE-155 "Bill AS",TE-260 18:15:39

"Ludwig

 $\textbf{Analyzed Date:}\ 10/16/24\ 16:38:03$ 

Reagent: 101723.15; 101024.R01; 100824.R09; 032724.08; 101124.01; 090922.04

Consumables: 20240202; 20240202; 210705-306-D; 210725-598-D Pipette: TE-063 SN:20C50490 (20-200uL); 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).

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Lab Director

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PBX1240710 Permanent Marker BX1

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Sample Method: SOP Client Method

**PASSED** 

Page 5 of 6

### **COMMENTS**

\* Confident Cannabis sample ID: 2410KLAZ0715.2965



\* Pesticide TE41014001-011PES

1 - L1: Naled

TE41014001-011POT \* Cannabinoid

1 - M3:THCa

**Ariel Gonzales** 

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



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PBX1240710 Permanent Marker BX1



Matrix : Flower Type: Cannabis Flower

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### **COMMENTS**

\* Confident Cannabis sample ID: 2410KLAZ0715.2965



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