

Certificate of Analysis

Laboratory Sample ID: TE41112009-019



Nov 15, 2024 | Project Packs License # 00000084ESFH12297246 2239 N Black Canyon Hwy Phoenix, AZ, 85009, US

Kaycha Labs

Peach Trees

Matrix: Flower Classification: Hybrid Type: Cannabis Flower

> Production Method: Indoor Batch#: PCHT240807

> > **Harvest Date:** 10/28/24

Sample Size Received: 18.33 gram

Total Amount: 7 gram

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

Servings: 1

Ordered: 11/12/24 Sampled: 11/12/24

Sample Collection Time: 03:45 PM **Completed:** 11/15/24

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

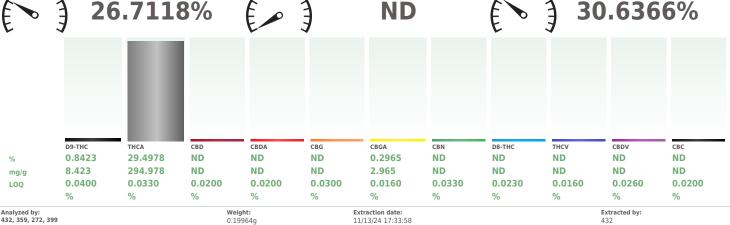




Total CBD



Total Cannabinoids



Analysis Method: SOP.T.30.500, SOP.T.30.031, SOP.T.40.031 Analytical Batch: TEO06544POT Instrument Used: TE-004 "Duke Leto" (Flower) Analyzed Date: 11/15/24 16:21:31

Dilution: 800 Reagent: N/A Consumables: N/A Pipette: N/A

Batch Date: 11/13/24 15:55:17

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

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



Kaycha Labs

PCHT240807 Peach Trees Matrix: Flower



Type: Cannabis Flower

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2239 N Black Canyon Hwy Phoenix, AZ, 85009, US Telephone: (530) 514-0500 Email: adam@proiectpacks.co **License # :** 00000084ESFH12297246 Sample : TE41112009-019 Batch# : PCHT240807 Sampled: 11/12/24 Ordered: 11/12/24

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Terpenes

TESTED

Terpenes	LOQ (%)	mg/g	%	Result (%)	Terpenes	LOQ (%)	mg/g	%	Result (%)
TOTAL TERPENES	0.0020	16.493	1.6493		ALPHA-PINENE	0.0020	ND	ND	
BETA-MYRCENE	0.0020	5.340	0.5340		ALPHA-TERPINENE	0.0020	ND	ND	
BETA-CARYOPHYLLENE	0.0020	4.476	0.4476		ALPHA-TERPINEOL	0.0020	ND	ND	
LIMONENE	0.0020	3.164	0.3164		BETA-PINENE	0.0020	ND	ND	
LINALOOL	0.0020	1.565	0.1565		CIS-NEROLIDOL	0.0020	ND	ND	
ALPHA-HUMULENE	0.0020	1.392	0.1392		GAMMA-TERPINENE	0.0020	ND	ND	
ALPHA-BISABOLOL	0.0020	0.556	0.0556		GAMMA-TERPINEOL	0.0020	ND	ND	
3-CARENE	0.0020	ND	ND		TRANS-NEROLIDOL	0.0020	ND	ND	
BORNEOL	0.0020	ND	ND		Analyzed by:	Weight:	Extract	ion date:	Extracted by:
CAMPHENE	0.0020	ND	ND		445, 334, 272, 399	0.2507g	11/13/	24 14:13:	
CAMPHOR	0.0020	ND	ND		Analysis Method : SOP.T.30.		P.T.40.0	164	
CARYOPHYLLENE OXIDE	0.0020	ND	ND		Analytical Batch : TE006536		7 11 1 C -	Farnanas	1",TE-093 Batch Date: 11/13/24 11:37
CEDROL	0.0020	ND	ND		"GC - Terpenes 1"	is - rerpenes 1 , re-us	17 A5 -	rerpenes	1 ,1E-093 Batch Date : 11/13/24 11:37
EUCALYPTOL	0.0020	ND	ND		Analyzed Date : 11/15/24 16	:50:02			
FENCHONE	0.0020	ND	ND		Dilution : N/A				
FENCHYL ALCOHOL	0.0020	ND	ND		Reagent: 101723.23; 07192		20. 0000	021462	20240202.1.0000105470.6022006
GERANIOL	0.0020	ND	ND		Pipette: N/A	i; n109203-1; 043040	50; 6000	1031463;	20240202; 1; 0000185478; GD23006
GERANYL ACETATE	0.0020	ND	ND			d using GC-MS which can	detect be	elow single	digit ppm concentrations. (Methods:
GUAIOL	0.0020	ND	ND		SOP.T.30.500 for sample homog	enization, SOP.T.30.064	for sample	e prep, and	SOP.T.40.064 for analysis via ThermoScient
ISOBORNEOL	0.0020	ND	ND		mass spectrometer). Terpene re	n AI 1310-series liquid in Esults are reported on a v	ection au t/wt% ba:	tosampier sis. Testino	and detection carried out by ISQ 7000-series result is for informational purposes only and
ISOPULEGOL	0.0020	ND	ND) or labeling requirements in R9-17-317. Nor, 18-311(A) or labeling requirements in
MENTHOL	0.0020	ND	ND		R9-18-310 - Q3.	na establistiment testing	requirem	ents in Ka-	10-311(A) or labeling requirements in
NEROL	0.0020	ND	ND						
OCIMENE	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						
VALENCENE	0.0020	ND	ND						
ALPHA-CEDRENE	0.0020	ND	ND						

Ariel Gonzales Lab Director

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PCHT240807 Peach Trees Matrix: Flower

Type: Cannabis Flower

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Sample Size Received: 18.33 gram Total Amount: 7 gram
Completed: 11/15/24 Expires: 11/15/25 Sample Method: SOP Client Method

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Pesticides

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Pesticide	LOQ 0.2500	Units	O.5	PASS/Fail	Res
AVERMECTINS (ABAMECTIN B1A) ACEPHATE	0.2500	ppm	0.5	PASS	ND
	0.2000	ppm	0.4	PASS	ND
ACETAMIPRID	0.1000	ppm	0.2	PASS	ND
ALDICARB	0.2000	ppm	0.4	PASS	ND
AZOXYSTROBIN	0.1000	ppm		PASS	ND
BIFENAZATE		ppm	0.2	PASS	ND ND
BIFENTHRIN	0.1000 0.2000	ppm	0.2	PASS	ND
BOSCALID		ppm		PASS	
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
LONICAMID	0.5000	ppm	1	PASS	ND
LUDIOXONIL	0.2000	ppm	0.4	PASS	ND
HEXYTHIAZOX	0.5000	ppm	1	PASS	ND
MAZALIL	0.1000	ppm	0.2	PASS	ND
MIDACLOPRID	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
DXAMYL	0.5000	ppm	1	PASS	ND
PACLOBUTRAZOL	0.2000	ppm	0.4	PASS	ND
FOTAL PERMETHRINS	0.1000	ppm	0.2	PASS	ND
PHOSMET	0.1000	ppm	0.2	PASS	ND
PHOSME I PIPERONYL BUTOXIDE	1.0000	1.1.	2	PASS	ND
	0.1000	ppm	0.2	PASS	ND
PRALLETHRIN	0.1000	ppm	0.2	PASS	ND ND
PROPICONAZOLE		ppm		PASS	
PROPOXUR	0.1000	ppm	0.2		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: 152, 410, 272, 399	Weight: 0.504g		tion date: 24 13:45:27		Extract 410	ed by:
Analysis Method: SOP.T.30.5 Analytical Batch: TE006526F Instrument Used: TE-262 "M Analyzed Date: 11/14/24 13:	'ES S/MS - Pest/Myco 2",TE-117 l		0 2	Batch D	ate:11/12/24	16:40:04
Dilution: 25 Reagent: 111224.R17; 1111 Consumables: 9479291.110 Pipette: TE-060 SN:20C3545	8000038072; 052024CH01; 7 (20-200uL); TE-108 SN:20E	220318-306-D; 1 318337 (100-1000	.008645998; JuL)	GD23006; 426060-JG		
Pesticide screening is carried o homogenization, SOP.T.30.104.						
Analyzed by: 410, 272, 399	Weight: 0.504a	Extraction 11/13/24 13			Extracted 410	l by:

Batch Date :11/14/24 10:07:08

Analyzed Date: 1:1/14/24.13:33:2.1
Dilution: 25
Reagent: 1:1124.R17; 1:11124.R29; 1:10424.R10; 1:00824.R27; 1:11224.R18; 1:11224.R11; 1:11224.R20; 1:11124.R04; 0:41823.06
Consumables: 9479291.1:10; 8:000038072; 0:52024CH01; 2:20318-306-0; 1:008645998; 0:5023006; 4:26060-0; 0
Pipette: 1:E-060 SN:20033457 (20-2000L); TE-108 SN:20818337 (1:00-1000L)
Supplemental pesticide screening using GC-MS/SN5 to quantitatively screen for Chiofenapyr, Cyfluthrin, Cypermethrin, and Diazinor; as well as the qualitative confirmation of Dichlorvos, Permethrins, Piperonyl Butoxide, Prailethrin, Propiconazole, Pyrethrins, and Tebuconazole which are all quantitatively screened using 1C-MS/SN5 (Methods: S0-T-3.05.00 for ample homogenization, SOPT-31.01-01.A2-for sample prep, and SOPT-140.154.A2 for analysis using a ThermoScietific 1310-series GC equipped with a TirPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).

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Type: Cannabis Flower

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Sample Method: SOP Client Method

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Microbial



Mycotoxins

PASSED

Extracted by:

Analyte		LOQ	Units	Result	Pass / Fail	Action Level	
SALMONELLA SE	PP	0.0000		Not Present in 1g	PASS		
ASPERGILLUS FLAVUS		0.0000		Not Present in 1g	PASS		
ASPERGILLUS FUMIGATUS		0.0000	.0000 Not Present in 1g PASS				
ASPERGILLUS NIGER		0.0000		PASS			
ASPERGILLUS TERREUS		0.0000		Not Present in 1g	PASS		
ESCHERICHIA COLI REC		10.0000	CFU/g	<10	PASS	100	
Analyzed by: 87, 272, 399	Weight: 1.0318g		on date: 4 16:19:		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: TE006529MIC
Instrument Used: TE-234 "bioMerieux GENE-UP" Batch Date: 11/13/24 10:33:08

Analyzed Date : 11/15/24 16:12:59

Dilution: 10 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

Extraction date

11/13/24 13:45:27

Batch Date: 11/14/24 10:08:24

Batch Date: 11/13/24 11:09:18

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

0.504g

Analytical Batch: TE006560MYC

Instrument Used : N/A

Analyzed Date: 11/14/24 13:31:57

Dilution: 25

Reagent: 111224.R17; 111124.R29; 110424.R10; 100824.R27; 111224.R18; 111224.R11;

111224.R20; 111124.R04; 041823.06

Consumables: 9479291.110; 8000038072; 052024CH01; 220318-306-D; 1008645998;

GD23006; 426060-JG

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 μ 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:	Weight:	Extraction date:		Extracted by:		
398, 272, 399	0.2008g	11/14/24 15:37:	25		398	

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

Analytical Batch : TE006534HEA Instrument Used: TE-153 "Bill"

Analyzed Date: 11/15/24 10:21:28

 $\textbf{Reagent:} 101723.16; \ 110724.R41; \ 111224.R08; \ 081624.02; \ 102124.02; \ 100121.01 \\ \textbf{Consumables:} \ 041924\text{CH03}; \ 210705-306-D; \ 269336$

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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Type: Cannabis Flower



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COMMENTS

* Confident Cannabis sample ID: 2411KLAZ0805.3343



* Pesticide TE41112009-019PES

1 - M2:Total Permethrins

Lab Director

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PCHT240807 Peach Trees Matrix : Flower



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Project Packs

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