

# **Certificate of Analysis**

Laboratory Sample ID: TE40906002-017



Sep 10, 2024 | Project Packs License # 00000084ESFH12297246 2239 N Black Canyon Hwy Phoenix, AZ, 85009, US

## **Kaycha Labs**

STAR240603 Starlato



Matrix: Flower Classification: Hybrid Type: Cannabis Flower

> **Production Method:** Cured Batch#: STAR240603

**Harvest Date:** 08/19/24

Sample Size Received: 27.22 gram

Total Amount: 7 gram

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

> Servings: 1 Ordered: 09/06/24

Sampled: 09/06/24

Sample Collection Time: 03:15 PM Completed: 09/10/24

**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** 

MISC.



Terpenes **TESTED** 

**PASSED** 



### Cannabinoid

Total THC

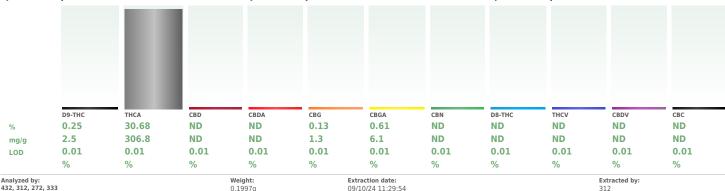
27.15%



**Total CBD** 



Total Cannabinoids



09/10/24 11:29:54

Analysis Method: SOP.T.30.500, SOP.T.30.031, SOP.T.40.031 Analytical Batch: TE005772POT Instrument Used: TE-004 "Puke Leto" (Flower) Analyzed Date: 09/09/24 18:25:47

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

Reviewed On: 09/10/24 15:18:55 Batch Date: 09/09/24 12:16:24

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





STAR240603

Type: Cannabis Flower

Starlato Matrix: Flower



## **PASSED**

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2239 N Black Canyon Hwy Phoenix, AZ, 85009, US Telephone: (530) 514-0500 Email: adam@proiectpacks.co **License # :** 00000084ESFH12297246 Sample: TE40906002-017

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Sample Size Received: 27.22 gram

Total Amount: 7 gram
Completed: 09/10/24 Expires: 09/10/25 Sample Method: SOP Client Method

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## Terpenes

**TESTED** 

Terpenes	LOD mg/ (%)	g %	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENES	17.1	27 1.7127		ALPHA-CEDRENE		ND	ND	
LIMONENE	5.17	0.5174		ALPHA-PHELLANDRENE		ND	ND	
BETA-CARYOPHYLLENE	3.37	0.3378		ALPHA-TERPINENE		ND	ND	
ALPHA-PINENE	1.54	0.1542		ALPHA-TERPINEOL		ND	ND	
BETA-MYRCENE	1.53	0.1535		CIS-NEROLIDOL		ND	ND	
ALPHA-HUMULENE	1.38	0.1388		GAMMA-TERPINENE		ND	ND	
LINALOOL	1.32	0.1323		GAMMA-TERPINEOL		ND	ND	
OCIMENE	1.19	0.1196		TRANS-NEROLIDOL		ND	ND	
BETA-PINENE	1.19	0.1194		Analyzed by:	Weight: E	xtraction	date:	Extracted by:
FENCHYL ALCOHOL	0.39	7 0.0397		334, 272, 333	0.2531g (	9/09/24 1	.5:03:36	334
3-CARENE	ND	ND		Analysis Method : SOP.T.3		4, SOP.T.	40.064	
BORNEOL	ND	ND		Analytical Batch : TE0057		TE 007 "A	C Torn	Reviewed On: 09/10/24 16:41:5 enes Batch Date: 09/09/24 11:09:31
CAMPHENE	ND	ND		1".TE-093 "GC - Terpenes		IE-097 A	3 - Terp	elles Batch Date : 09/09/24 11:09:31
CAMPHOR	ND	ND		Analyzed Date: 09/09/24	15:04:11			
CARYOPHYLLENE OXIDE	ND	ND		Dilution: 5				
CEDROL	ND	ND		Reagent: 101723.21; 111		20. 00000	21462	20240202-1-0022001-17215771
EUCALYPTOL	ND	ND		Pipette: N/A	1109203-1; 043040	30; 80000	31403;	20240202; 1; GD23001; 17315771
FENCHONE	ND	ND			ned using GC-MS whic	h can dete	ct below	single digit ppm concentrations. (Methods:
GERANIOL	ND	ND		SOP.T.30.500 for sample hom	nogenization, SOP.T.30	0.064 for sa	mple pre	p, and SOP.T.40.064 for analysis via
GERANYL ACETATE	ND	ND						I injection autosampler and detection carrie ed on a wt/wt% basis. Testing result is for
GUAIOL	ND	ND		informational purposes only a	and cannot be used to	satisfy disp	ensary t	esting requirements in R9-17-317.01(A) or
ISOBORNEOL	ND	ND		R9-18-311(A) or labeling regu			isty marij	uana establishment testing requirements in
ISOPULEGOL	ND	ND						
MENTHOL	ND	ND						
NEROL	ND	ND						
PULEGONE	ND	ND						
SABINENE	ND	ND						
SABINENE HYDRATE	ND	ND						
TERPINOLENE	ND	ND						
VALENCENE	ND	ND						
ALPHA-BISABOLOL	ND	ND						
otal (%)		1.7120						

Total (%)

1.7120

**Ariel Gonzales** 

Lab Director

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### **Kaycha Labs**

STAR240603 Starlato Matrix: Flower

Type: Cannabis Flower

# **Certificate of Analysis**

**PASSED** 

2239 N Black Canyon Hwy Phoenix, AZ, 85009, US Telephone: (530) 514-0500 Email: adam@proiectpacks.co **License # :** 00000084ESFH12297246 Sample: TE40906002-017 Batch#:STAR240603 Sampled: 09/06/24 Ordered: 09/06/24

Sample Size Received: 27.22 gram Total Amount: 7 gram
Completed: 09/10/24 Expires: 09/10/25 Sample Method: SOP Client Method

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### **Pesticides**

P	Δ	S	S	F	ı
	-				Н

Pesticide	LOD	Units		el Pass/Fail	Re
AVERMECTINS (ABAMECTIN B1A)	0.0170	ppm	0.5	PASS	ND
ACEPHATE	0.0100	ppm	0.4	PASS	ND
ACETAMIPRID	0.0050	ppm	0.2	PASS	ND
ALDICARB	0.0140	ppm	0.4	PASS	ND
AZOXYSTROBIN	0.0050	ppm	0.2	PASS	ND
BIFENAZATE	0.0060	ppm	0.2	PASS	ND
BIFENTHRIN	0.0050	ppm	0.2	PASS	ND
BOSCALID	0.0050	ppm	0.4	PASS	ND
CARBARYL	0.0080	ppm	0.2	PASS	ND
CARBOFURAN	0.0050	ppm	0.2	PASS	ND
CHLORANTRANILIPROLE	0.0110	ppm	0.2	PASS	ND
CHLORPYRIFOS	0.0050	ppm	0.2	PASS	ND
CLOFENTEZINE	0.0100	ppm	0.2	PASS	ND
CYPERMETHRIN	0.1000	ppm	1	PASS	ND
DIAZINON	0.0060	ppm	0.2	PASS	ND
DAMINOZIDE	0.0100	ppm	1	PASS	NE
DICHLORVOS (DDVP)	0.0010	ppm	0.1	PASS	NE
DIMETHOATE	0.0060	ppm	0.2	PASS	NE
ETHOPROPHOS	0.0040	ppm	0.2	PASS	NE
ETOFENPROX	0.0060	ppm	0.4	PASS	NE
ETOXAZOLE	0.0040	ppm	0.2	PASS	NE
FENOXYCARB	0.0050	ppm	0.2	PASS	NE
FENPYROXIMATE	0.0040	ppm	0.4	PASS	NE
FIPRONIL	0.0060	ppm	0.4	PASS	NE
FLONICAMID	0.0090	ppm	1	PASS	NE
FLUDIOXONIL	0.0060	ppm	0.4	PASS	NE
HEXYTHIAZOX	0.0050	ppm	1	PASS	NE
MAZALIL	0.0110	ppm	0.2	PASS	ND
IMIDACLOPRID	0.0080	ppm	0.4	PASS	NE
KRESOXIM-METHYL	0.0070	ppm	0.4	PASS	NE
MALATHION	0.0070	ppm	0.2	PASS	NE
METALAXYL	0.0040	ppm	0.2	PASS	NE
METHIOCARB	0.0040	ppm	0.2	PASS	NE
METHOMYL	0.0050	ppm	0.4	PASS	NE
MYCLOBUTANIL	0.0100	ppm	0.2	PASS	NE
NALED	0.0070	ppm	0.5	PASS	NE
OXAMYL	0.0080	ppm	1	PASS	NE
PACLOBUTRAZOL	0.0050	ppm	0.4	PASS	NE
TOTAL PERMETHRINS	0.0030	ppm	0.2	PASS	NE
PHOSMET	0.0100	ppm	0.2	PASS	NE
PIPERONYL BUTOXIDE	0.0050	ppm	2	PASS	NE
PRALLETHRIN	0.0130	ppm	0.2	PASS	ND
PROPICONAZOLE	0.0050	ppm	0.4	PASS	ND
PROPOXUR	0.0050	ppm	0.2	PASS	ND
TOTAL PYRETHRINS	0.0010	ppm	1	PASS	ND
PYRIDABEN	0.0040	ppm	0.2	PASS	ND

Analysis Method: SOP.T.30. Analytical Batch: TE005769		.T.40.104.AZ		Reviewed C	n:09/10/24 15	5:10:03
Analyzed by: 152, 272, 333	<b>Weight:</b> 0.5064g	09/09/24 1			Extracted 410	d by:
CYFLUTHRIN *		0.0150	ppm	1	PASS	ND
CHLORFENAPYR *		0.0270	ppm	1	PASS	ND
TRIFLOXYSTROBIN		0.0060	ppm	0.2	PASS	ND
THIAMETHOXAM		0.0060	ppm	0.2	PASS	ND
THIACLOPRID		0.0060	ppm	0.2	PASS	ND
TEBUCONAZOLE		0.0040	ppm	0.4	PASS	ND
SPIROXAMINE		0.0040	ppm	0.4	PASS	ND
SPIROTETRAMAT		0.0060	ppm	0.2	PASS	ND
SPIROMESIFEN		0.0080	ppm	0.2	PASS	ND
TOTAL SPINOSAD		0.0060	ppm	0.2	PASS	ND
Pesticide		LOD	Units	Action Level	Pass/Fail	Result

Analytical Batch :TE005769PES Instrument Used :TE-118 "MS/MS Pest/Myco 1",TE-261 "UHPLC - Pest/Myco 2" Analyzed Date :09/09/24 16:38:12

Analyzed Date 1:09/09/z4 10:39/09
Dilution: 25
Reagent: 090324.R12; 081424.R31; 082724.R35; 090524.R14; 090524.R12; 073024.R30; 090624.R02; 090324.R13; 041823.06
Consumables: 947.155; 8000038072; 111423CH01; 220318-306-D: 1008645998; GD23001; 425240JF
Pipette: 1Te-060 SN:20033457 (20-2000L); TE-108 SN:20B18337 (100-10000L)
Supplemental pesticide screening using GC-MS/MS 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 LC-MS/MS (Methods: S0-T-30.50) for sample homogenization, S0-PT.30.104.AZ for sample prep, and S0-PT.40.154.AZ 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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### **Ariel Gonzales**

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



## **Kaycha Labs**

Starlato



Type: Cannabis Flower

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PASSED

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2239 N Black Canyon Hwy Phoenix, AZ, 85009, US Telephone: (530) 514-0500 Email: adam@proiectpacks.co **License # :** 00000084ESFH12297246 Sample: TE40906002-017

Batch#:STAR240603 Sampled: 09/06/24 Ordered: 09/06/24

Sample Size Received: 27.22 gram Total Amount: 7 gram
Completed: 09/10/24 Expires: 09/10/25

Sample Method: SOP Client Method

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### Microbial



## Mycotoxins

## **PASSED**

Analyte		LOD	Units	Result	Pass / Fail	Action Level
SALMONELLA :	SPP			Not Present in 1g	PASS	
<b>ASPERGILLUS</b>	FLAVUS			Not Present in 1g	PASS	
<b>ASPERGILLUS</b>	FUMIGATUS			Not Present in 1g	PASS	
ASPERGILLUS	NIGER			Not Present in 1g	PASS	
<b>ASPERGILLUS</b>	TERREUS			Not Present in 1g	PASS	
ESCHERICHIA (	COLI REC	10.0000	CFU/g	ND	PASS	100
Analyzed by: 87, 272, 333	<b>Weight:</b> 0.9285g		on date: 4 10:33:		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: TE005766MIC Reviewed On: 09/10/24 16:49:15

Instrument Used : TE-234 "bioMerieux GENE-UP" **Batch Date :** 09/06/24 17:00:26

Analyzed Date : N/A

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

Analyte		LOD	Units	Result	Pass / Fail	Action Level
TOTAL AFLATOXINS		1.4870	ppb	ND	PASS	20
AFLATOXIN B1		1.4700	ppb	ND	PASS	20
AFLATOXIN B2		1.8000	ppb	ND	PASS	20
AFLATOXIN G1		1.9000	ppb	ND	PASS	20
AFLATOXIN G2		3.2500	ppb	ND	PASS	20
OCHRATOXIN A		4.6100	ppb	ND	PASS	20
Analyzed by: 152, 272, 333	<b>Weight:</b> 0.5064g	 tion date /24 14:28	-		Extracted 410	by:

**Batch Date :** 09/09/24 16:08:31

Analysis Method: SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ **Reviewed On:** 09/10/24 15:04:34

Analytical Batch : TE005777MYC Instrument Used : N/A

**Analyzed Date :** 09/09/24 16:38:36

Dilution: 25

Reagent: 090324.R12; 081424.R31; 082724.R35; 090524.R14; 090524.R21; 073024.R30;

 $090624.R02; 090324.R13; 041823.06 \\ \textbf{Consumables}: 947.155; 8000038072; 111423CH01; 220318-306-D; 1008645998; GD23001; 320318-306-D; 320318-D; 320318$ 

425240IF

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		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:	Weight:	Extraction da	ate:		Extracte	d by:
398, 39, 272, 333	0.1954g	09/09/24 17	:43:21		398	

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

Analytical Batch : TE005775HEA **Reviewed On:** 09/10/24 09:11:06 Instrument Used: TE-307 "Ted", TE-310 "Ted AS", TE-309 "Ted Batch Date: 09/09/24 14:35:37

Analyzed Date: N/A

Dilution: 50 Reagent: 101723.14; 090324.R03; 090324.R01; 032724.07; 090624.01; 090922.04

Consumables: 111423CH01; 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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### **Ariel Gonzales**

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164





STAR240603 Starlato Matrix : Flower

Type: Cannabis Flower

## **PASSED**

Drainet Daeke

2239 N Black Canyon Hwy Phoenix, AZ, 85009, US **Telephone:** (530) 514-0500 **Email:** adam@projectpacks.co **License #:** 00000084ESFH12297246 Sample : TE40906002-017

Certificate of Analysis

Batch#: STAR240603 Sampled: 09/06/24 Ordered: 09/06/24 Sample Size Received: 27.22 gram Total Amount: 7 gram Completed: 09/10/24 Expires: 09/10/25

Completed: 09/10/24 Expires: 09/10/25 Sample Method: SOP Client Method Page 5 of 6

### **COMMENTS**

\* Confident Cannabis sample ID: 2409KLAZ0600.2501



\* Cannabinoid TE40906002-017POT

1 - M3:D9-THC V1:D8-THC, THCa

\* Volatile Pesticides TE40906002-017VOL

1 - M2: Chlorfenapyr.

**Ariel Gonzales** 

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STAR240603 Starlato Matrix : Flower

Type: Cannabis Flower

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Sample Method: SOP Client Method

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## **COMMENTS**

\* Confident Cannabis sample ID: 2409KLAZ0600.2501



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**Ariel Gonzales** 

Lab Director

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