

Certificate of Analysis

Laboratory Sample ID: TE41209006-012



Dec 14, 2024 | Project Packs License # 00000084ESFH12297246 2239 N Black Canyon Hwy Phoenix, AZ, 85009, US

Kaycha Labs

LMNP240904 Lemon Poppers

Matrix: Flower Classification: Hybrid Type: Flower-Cured

> Production Method: Indoor Batch#: LMNP240904

> > **Harvest Date:** 11/25/24

Sample Size Received: 21.77 gram

Total Amount: 9 gram Retail Product Size: 15 gram

Retail Serving Size: 15 gram

Servings: 1 Ordered: 12/09/24

Sampled: 12/09/24

Sample Collection Time: 02:45 PM

Completed: 12/14/24

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 **PASSED**

PASSED



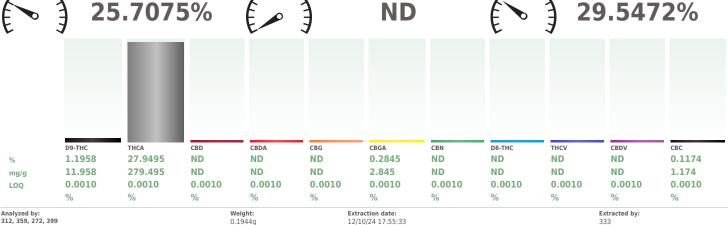
Cannabinoid

Total THC

Total CBD



Total Cannabinoids 29.5472%



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

Analytical Batch : TE006827POT Instrument Used : TE-004 "Duke Leto" (Flower) Analyzed Date : 12/11/24 15:15:17

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

Batch Date: 12/10/24 11:17:28

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

LMNP240904 Lemon Poppers Matrix: Flower



Type: Flower-Cured

Certificate of Analysis

PASSED

2239 N Black Canyon Hwy Phoenix, AZ, 85009, US Telephone: (530) 514-0500 Email: adam@proiectpacks.co **License # :** 00000084ESFH12297246 Sample: TE41209006-012 Batch#:LMNP240904 Sampled: 12/09/24 Ordered: 12/09/24

Sample Size Received: 21.77 gram Total Amount: 9 gram
Completed: 12/14/24 Expires: 12/14/25 Sample Method: SOP Client Method

Page 2 of 6



Terpenes

PASSED

Terpenes	LOQ (%)	mg/g	%	Result (%)
TOTAL TERPENES	0.0020	13.279	1.3279	
BETA-MYRCENE	0.0020	4.059	0.4059	
BETA-CARYOPHYLLENE	0.0020	3.983	0.3983	
LIMONENE	0.0020	2.324	0.2324	
LINALOOL	0.0020	1.295	0.1295	
ALPHA-HUMULENE	0.0020	1.088	0.1088	
ALPHA-BISABOLOL	0.0020	0.530	0.0530	
3-CARENE	0.0020	ND	ND	
BORNEOL	0.0020	ND	ND	
CAMPHENE	0.0020	ND	ND	
CAMPHOR	0.0020	ND	ND	
CARYOPHYLLENE OXIDE	0.0020	ND	ND	
CEDROL	0.0020	ND	ND	
EUCALYPTOL	0.0020	ND	ND	
FENCHONE	0.0020	ND	ND	
FENCHYL ALCOHOL	0.0020	ND	ND	
GERANIOL	0.0020	ND	ND	
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	
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	
ALPHA-PHELLANDRENE	0.0020	ND	ND	
otal (%)			1.3270	

Terpenes		LOQ (%)	mg/g	%	Result (%)	
ALPHA-PINENE		0.0020	ND	ND		
ALPHA-TERPINENE		0.0020	ND	ND		
ALPHA-TERPINEOL		0.0020	ND	ND		
BETA-PINENE		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		
inalized by:	Woights	Evt	raction d	ato:	Extracted by	

12/13/24 08:55:54

Batch Date: 12/12/24 10:53:45

0.2459g Analysis Method: SOP.T.30.500, SOP.T.30.064, SOP.T.40.064
Analytical Batch: TE006866TER
Instrument Used: TE-096 "MS - Terpenes 1"

Analyzed Date : 12/14/24 11:11:18

Dilution: N/A Reagent: 101723.23; 071924.01

 $\begin{array}{l} \textbf{Consumables}: 947.110; \ \textbf{H109203-1}; \ 8000031463; \ 20240202; \ 1; \ \textbf{GD23006} \\ \textbf{Pipette}: \ \textbf{N/A} \end{array}$

Terpenes screening is performed using GC-MS which can detect below single digit ppm concentrations. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.064 for sample prep, and SOP.T.40.064 for analysis via ThermoScientif 1310-series GC equipped with an Al 1310-series liquid injection autosampler and detection carried out by ISO 7000-series mass spectrometer). Terpene results are reported on a wifu/Ws basis. Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317. Nor, can it be used to satisfy marijuana establishment testing requirements in R9-18-311(A) or labeling requirements in R9-18-310 – Q3.

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errors. Testing results were obtained according to requirements stated in QMS.100.010.AZ Quality Manual.

Ariel Gonzales

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



Kaycha Labs

LMNP240904 Lemon Poppers Matrix: Flower

Type: Flower-Cured



PASSED

Certificate of Analysis

2239 N Black Canyon Hwy Phoenix, AZ, 85009, US Telephone: (530) 514-0500 Email: adam@proiectpacks.co **License # :** 00000084ESFH12297246 Sample: TE41209006-012

Batch#:LMNP240904 Sampled: 12/09/24 Ordered: 12/09/24

Sample Size Received: 21.77 gram

Total Amount: 9 gram
Completed: 12/14/24 Expires: 12/14/25 Sample Method: SOP Client Method

Page 3 of 6



Pesticides

PASSED

Batch Date :12/12/24 10:33:22

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

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

Extracted by:

Analyzed Date : 12/14/24 10:39:26

Dilution : 25

Reagent : 120424.R29; 120924.R21; 121024.R08; 121024.R09; 120624.R01; 120924.R01; 120624.R03; 120624.R02; 041823.06

Consumables : 947.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006; 426060-JG

Pipette : TE-062 SN:20050491; TE-064 SN:20827672 (100-1000uL)

Pesticide screening is carried out using LCMSMMS supplemented by Co-KMSMS for volatile pesticides. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.A2 for sample prep, and SOP.T.40.104.A2 for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC).
Analyzed by: 152, 272, 387

Analysis Method : SOP.T.30.500, SOP.T.30.104.A2, SOP.T.40.154.A2

Analytical Batch : TE-0106883V0I

Instrument Used : TE-117 UHPLC - Pest/Myco 2, TE-262 "MS/MS - Pest/Myco 2

Batch Date : 12/13/24 11:40:11

Batch Date: 12/13/24 11:40:19

Analyzed Date 1:12/14/24 10:32:31
Dilution: 25
Reagent: 12/04/R.29; 120924.R21; 121024.R08; 121024.R09; 120624.R01; 120924.R01; 120924.R01; 120624.R02; 041823.06
Consumables: 947-110; 8000038072; 052024CH01; 220318-306-0; 1008645998; GD23006; 426060-JG
Pipette: 1TE-062 SN:20C50991; TE-064 SN:20827672 (100-1000LU)
Supplemental pesticide screening using GC-MS/MS to quantitatively screen for Chiorfenapyr, 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/MS (Methods: SOYT-30.50) for sample homogenization, SOPT-310.104.27 for sample prep, and SOPT-140.154.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

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Kaycha Labs

LMNP240904 Lemon Poppers

Matrix: Flower Type: Flower-Cured

Certificate of Analysis

PASSED

Project Packs

2239 N Black Canyon Hwy Phoenix, AZ, 85009, US Telephone: (530) 514-0500 Email: adam@proiectpacks.co License #: 00000084ESFH12297246 Sample : TE41209006-012 Batch#:LMNP240904

Sampled: 12/09/24 Ordered: 12/09/24

Sample Size Received: 21.77 gram Total Amount: 9 gram
Completed: 12/14/24 Expires: 12/14/25

Sample Method : SOP Client Method

Page 4 of 6

Units

Result



Microbial

PASSED



Analyte

Mycotoxins

Action

Pass /

Fail

Analyte		LOQ	Units	Result	Pass / Fail	Action Leve
SALMONELLA SPE		0.0000		Not Present in 1	PASS	
ASPERGILLUS FLA	VUS	0.0000		Not Present in 1	PASS	
ASPERGILLUS FUMIGATUS ASPERGILLUS NIGER		0.0000		Not Present in 1	PASS	
		0.0000		Not Present in 1	PASS	
ASPERGILLUS TER	RREUS	0.0000		Not Present in 1	PASS	
ESCHERICHIA COL	.I REC	10.0000	CFU/g	<10	PASS	100
Analyzed by: 87, 272, 399	Weight: 0.9625g	Extraction date: 12/11/24 17:53:20		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: TE006830MIC
Instrument Used: TE-234 "bioMerieux GENE-UP" Batch Date: 12/10/24 13:23:55

Analyzed Date : 12/12/24 09:46:07

Dilution: 15 Reagent: N/A Consumables : N/A Pipette: N/A

	man and the state of the state				
OCHRATOXIN A	12.0000 ppb	ND	PASS	20	
AFLATOXIN G2	10.7250 ppb	ND	PASS	20	
AFLATOXIN G1	6.2700 ppb	ND	PASS	20	
AFLATOXIN B2	5.9400 ppb	ND	PASS	20	
AFLATOXIN B1	4.8510 ppb	ND	PASS	20	
TOTAL AFLATOXINS	4.8510 ppb	ND	PASS	20	

LOO

Weight: 0.4982g Extraction date: Extracted by: 12/12/24 12:36:27

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

Analytical Batch: TE006884MYC

Instrument Used: TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Batch Date: 12/13/24 11:41:24

Analyzed Date: 12/14/24 10:35:01

Dilution: 25

Reagent: 120424.R29; 120924.R21; 121024.R08; 121024.R09; 120624.R01; 120924.R01; 120624.R03; 120624.R02; 041823.06

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

Pipette: TE-062 SN:20C50491; TE-064 SN:20B27672 (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 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

398

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	bv:		

12/13/24 17:32:36

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

0.208g

Analytical Batch: TE006870HEA Instrument Used: TE-153 "Bill"

Batch Date: 12/12/24 11:13:11 Analyzed Date: 12/14/24 10:38:23

398. 272. 387

Reagent: 122623.01; 121024.R10; 120924.R02; 081624.04; 112624.11; 100121.01

Consumables: 052024CH01; 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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LMNP240904 Lemon Poppers Matrix: Flower



Type: Flower-Cured

Page 5 of 6

PASSED

Certificate of Analysis

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Sample Size Received: 21.77 gram Total Amount: 9 gram
Completed: 12/14/24 Expires: 12/14/25 Sampled: 12/09/24 Ordered: 12/09/24

Sample Method: SOP Client Method

COMMENTS

* Confident Cannabis sample ID: 2412KLAZ0893.3700



* Cannabinoid

TE41209006-012POT

1 - M3:D9

Ariel Gonzales

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



Kaycha Labs

LMNP240904 Lemon Poppers



Matrix: Flower Type: Flower-Cured

PASSED

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Page 6 of 6

COMMENTS

* Confident Cannabis sample ID: 2412KLAZ0893.3700



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