

# **Certificate of Analysis**



Jun 12, 2024 | Uncle Harry Inc. dba. Lost Dutchmen Cannabis Co.

License # 00000129ESRG43839179

4722 E Ivy St Mesa, AZ, 85205, US

### **SAFETY RESULTS**



**Pesticides PASSED** 

**Heavy Metals PASSED** 



Microbials PASSED



Mycotoxins **PASSED** 



Residuals Solvents **NOT TESTED** 



**PASSED** 



Water Activity

Moisture **NOT TESTED** 

Pages 1 of 6

**Kaycha Labs** 

Type: Cannabis Flower

Scoops of Chem Scoops of Chem Matrix: Flower

Sample:TE40610003-002

Total Amount: 10 gram Retail Product Size: 10 gram Retail Serving Size: 10 gram

**Completed:** 06/12/24

**PASSED** 

Sample Size Received: 14.66 gram

Sample Collection Time: 01:45 PM

Batch#: 240605H Batch Date: 06/10/24

> Servings: 1 **Ordered:** 06/10/24 Sampled: 06/10/24

> > MISC.



Terpenes NOT **TESTED** 

**PASSED** 



# Cannabinoid

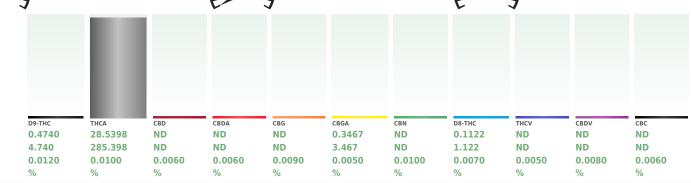
**Total THC** 25.5034%



**Total CBD** 0.0000%



**Total Cannabinoids** 



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

Analytical Batch : TE004935POT Instrument Used : TE-004 "Duke Leto" (Flower)

Analyzed Date: N/A

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

mg/g

LOD

Analyzed by: 312, 272, 399

Reviewed On: 06/12/24 16:27:05

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

Scoops of Chem Scoops of Chem Matrix: Flower

Type: Cannabis Flower

# **Certificate of Analysis**

PASSED

Uncle Harry Inc. dba. Lost Dutchmen Cannabis

4722 E Ivy St Mesa, AZ, 85205, US Telephone: (602) 451-2465

Email: accounting@lostdutchmencannabisco.com

**License # :** 00000129ESRG43839179

Sample: TE40610003-002 Batch#:240605H Sample Size Received: 14.66 gram

Total Amount: 10 gram
Completed: 06/12/24 Expires: 06/12/25 Sampled: 06/10/24 **Ordered**: 06/10/24

Sample Method: SOP Client Method

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### **Pesticides**

# **PASSED**

Pesticide		LOD	Units		vel Pass/Fail	Res
AVERMECTINS (ABAI	MECTIN 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
CHLORANTRANILIPR	OLE	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	ND
DICHLORVOS (DDVP	)	0.0010	ppm	0.1	PASS	ND
DIMETHOATE		0.0060	ppm	0.2	PASS	ND
ETHOPROPHOS		0.0040	ppm	0.2	PASS	ND
ETOFENPROX		0.0060	ppm	0.4	PASS	ND
ETOXAZOLE		0.0040	ppm	0.2	PASS	ND
FENOXYCARB		0.0050	ppm	0.2	PASS	ND
FENPYROXIMATE		0.0040	ppm	0.4	PASS	ND
FIPRONIL		0.0060	ppm	0.4	PASS	ND
FLONICAMID		0.0090	ppm	1	PASS	ND
FLUDIOXONIL		0.0060	ppm	0.4	PASS	ND
HEXYTHIAZOX		0.0050	ppm	1	PASS	ND
IMAZALIL		0.0110	ppm	0.2	PASS	ND
MIDACLOPRID		0.0080	ppm	0.4	PASS	ND
KRESOXIM-METHYL		0.0070	ppm	0.4	PASS	ND
MALATHION		0.0070	ppm	0.2	PASS	ND
METALAXYL		0.0040	ppm	0.2	PASS	ND
METHIOCARB		0.0040	ppm	0.2	PASS	ND
METHOMYL		0.0050	ppm	0.4	PASS	ND
MYCLOBUTANIL		0.0100	ppm	0.2	PASS	ND
NALED		0.0070	ppm	0.5	PASS	ND
DXAMYL		0.0080	ppm	1	PASS	ND
PACLOBUTRAZOL		0.0050	ppm	0.4	PASS	ND
TOTAL PERMETHRIN	S	0.0030	ppm	0.2	PASS	ND
PHOSMET		0.0100	ppm	0.2	PASS	ND
PIPERONYL BUTOXIE	DE	0.0050	ppm	2	PASS	ND
PRALLETHRIN		0.0130	ppm	0.2	PASS	ND
PROPICONAZOLE		0.0050	ppm	0.4	PASS	ND
PROPOXUR		0.0050	ppm	0.2	PASS	ND
		0.0010	ppm	1	PASS	ND
TOTAL PYRETHRINS						

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL SPINOSAD	0.0060	ppm	0.2	PASS	ND
SPIROMESIFEN	0.0080	ppm	0.2	PASS	ND
SPIROTETRAMAT	0.0060	ppm	0.2	PASS	ND
SPIROXAMINE	0.0040	ppm	0.4	PASS	ND
TEBUCONAZOLE	0.0040	ppm	0.4	PASS	ND
THIACLOPRID	0.0060	ppm	0.2	PASS	ND
THIAMETHOXAM	0.0060	ppm	0.2	PASS	ND
TRIFLOXYSTROBIN	0.0060	ppm	0.2	PASS	ND
CHLORFENAPYR *	0.0270	ppm	1	PASS	ND
CYFLUTHRIN *	0.0150	ppm	1	PASS	ND

Extracted by: 410

Reviewed On: 06/12/24 15:07:37 Batch Date: 06/10/24 17:10:19

Analyzed Date: 0:6/11/24 17:02:07

Dilution: 125

Reagent: 0:60624.R26; 0:60524.R27; 0:60624.R25; 0:60624.R24; 0:60624.R23; 0:42424.R38; 0:60524.R26; 0:1823.05

Consumables: 9:497291.203; 8:0000380/72; 111423CH01; 2:20318-3:06-D; 1:008645998; 0:D23001; 4262209C

Pipette: 1:E-0:60 SN:20035457 (20-20041); TE-108 SN:20818337 (100-100041)

Pesticide screening is carried out using LCHSMMS supplemented by Co-KSMMS 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 analysis on Thermoscientific Altis TSQ with Vanquish UHPLD: 132, 39, 272, 399

0.4911g 06/10/24 17:48:01

Analyzed by: 0.4911g 06/10/24 17:48:01

Analyzed Batch 1:E004950V01

Instrument Used: TE-118 "MS/MS Pest/Myco 1",TE-261 "UHPLC - Pest/Myco 2"

Reviewed 0n: 0:6/11/24 17:04:31

Dilution: 2:50

Batch Date: 0:6/11/24 17:04:31

Dilution: 25

Raggen: 1060524,R26; 060524,R27; 060624,R25; 060624,R24; 060624,R23; 042424,R38; 060524,R26; 041823.06

Consumables: 9479291,203; 8000038072; 111423CH01; 220318-306-D; 1008645998; GD23001; 426220-JC

Pipette: TE-660 SN20C53457 (20-200uL); TE-108 SN:20818337 (100-1000uL)

Supplemental pestidide screening using GC-MSMS to quantitatively screen for Chlordenapyr, Cyfluthrin, Cypermethrin, and Diazinon; as well as the qualitative confirmation of Dichloros, Permethrins, Piperonyl Butoxide, Prailethrin, Propiconazole, Pyrethrins, and Tebuconazole which are all quantitative screened using IC-MSMS. Methods: SOPT, 30.50 for sample homogenization, SOPT, 30.04A for sample promogenization, SOPT, 30.04A for sample promogenization, SOPT, 30.04A for sample promogenization of SOPT, 40.154, AZ for analysis using a ThermoScietific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSO 9000-series mass spectrometer).

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### **Ariel Gonzales**

Lab Director

State License # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



# Kaycha Labs

Scoops of Chem Scoops of Chem Matrix: Flower

Type: Cannabis Flower

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PASSED

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4722 E Ivy St Mesa, AZ, 85205, US Telephone: (602) 451-2465

Email: accounting@lostdutchmencannabisco.com **License #:** 00000129ESRG43839179

Batch#: 240605H Sampled: 06/10/24 Ordered: 06/10/24

Sample: TE40610003-002

Sample Size Received: 14.66 gram

Total Amount: 10 gram
Completed: 06/12/24 Expires: 06/12/25

Sample Method: SOP Client Method

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# Microbial



# **Mycotoxins**

Analyte		LOD	Units	Result	Pass / Fail	Action Level
SALMONELLA SE	PP			Not Present in 1g	PASS	
ASPERGILLUS FI	LAVUS			Not Present in 1g	PASS	
ASPERGILLUS FU	UMIGATUS			Not Present in 1g	PASS	
ASPERGILLUS N	IGER			Not Present in 1g	PASS	
ASPERGILLUS TI	ERREUS			Not Present in 1g	PASS	
ESCHERICHIA CO	DLI REC	10.0000	CFU/g	<10	PASS	100
Analyzed by:	Weight:	Extraction	on date:	Ex	tracted b	y:
87, 272, 399	0.9189a	06/10/2	4 17:35:2	20 33	31.87	

Analysis Method: SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ Analytical Batch: TE004931MIC Reviewed On: 06/11/24 22:24:51

Instrument Used : TE-234 "bioMerieux GENE-UP" **Batch Date :** 06/10/24 12:06:36

Analyzed Date : N/A

Dilution: 10

Reagent: 052224.06; 052224.07; 042924.04; 060724.R01

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:	Weight:	Extraction date:		Extracted by:		
152, 39, 272, 399	0.4911g	06/10/24 17:	:48:01		410	

**Batch Date :** 06/11/24 17:03:18

0.4911g Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Reviewed On: 06/12/24 15:09:11 Analytical Batch: TE004949MYC

Instrument Used : N/A

**Analyzed Date :** 06/11/24 17:04:04

Dilution: 25

Reagent: 060624.R26; 060524.R27; 060624.R25; 060624.R24; 060624.R23; 042424.R38;

060524.R26: 041823.06

Consumables: 9479291.203; 8000038072; 111423CH01; 220318-306-D; 1008645998;

GD23001; 426220-JC

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

**Extraction date:** Analyzed by: Weight: Extracted by: 398, 272, 399 0.2091q 06/11/24 13:59:41

**Analysis Method :** SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ Analytical Batch : TE004937HEA

Instrument Used : TE-153 "Bill" Analyzed Date: N/A

Reviewed On: 06/11/24 22:27:33 Batch Date: 06/10/24 18:41:53

Dilution: 50

 $\textbf{Reagent:} 101723.13; \ 051524.R08; \ 052324.R16; \ 032724.01; \ 060724.20; \ 100121.01 \\ \textbf{Consumables:} 111423CH01; \ 210705-306-D; \ 210725-598-D$ 

Pipette: TE-079 SN:SU08110; TE-063 SN:20C50490 (20-200uL)

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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Scoops of Chem Scoops of Chem Matrix: Flower

Type: Cannabis Flower

# **Certificate of Analysis**

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Email: accounting@lostdutchmencannabisco.com

**License # :** 00000129ESRG43839179

Sample: TE40610003-002

Batch#:240605H Sampled: 06/10/24 Ordered: 06/10/24

Reviewed On: 06/12/24 15:22:17

Batch Date:  $06/12/24 \ 11:41:59$ 

Sample Size Received: 14.66 gram

Total Amount: 10 gram
Completed: 06/12/24 Expires: 06/12/25

Sample Method: SOP Client Method

PASSED

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# Filth/Foreign Material

**PASSED** 

Analyte LOD Units Filth and Foreign Material 0.3000 % PASS Analyzed by: 87, 39, 272, 399 Extraction date 06/12/24 11:43:11 0.9189a

Analysis Method: SOP.T.40.090 Analytical Batch: TE004952FIL Instrument Used : N/A Analyzed Date: N/A

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

Includes, but is not limited to: hair, insects, feces, packaging contaminants, and manfacturing waste/by-products. (Method: SOP.T.40.090 using an SH-2B/T Stereo Microscope). 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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Scoops of Chem Scoops of Chem Matrix : Flower



Type: Cannabis Flower

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Sample: TE40610003-002 Batch#: 240605H Sampled: 06/10/24 Ordered: 06/10/24

Sample Size Received: 14.66 gram Total Amount: 10 gram Completed: 06/12/24 Expires: 06/12/25

Completed: 06/12/24 Expires: 06/12/25 Sample Method: SOP Client Method **PASSED** 

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# **COMMENTS**

\* Confident Cannabis sample ID: 2406KLAZ0394.1666



\* Volatile Pesticides

TE40610003-002VOL

1 - M2: Chlorfenapyr.

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Scoops of Chem Scoops of Chem Matrix : Flower

Type: Cannabis Flower



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4722 E Ivy St Mesa, AZ, 85205, US **Telephone:** (602) 451-2465

Email: accounting@lostdutchmencannabisco.com License #: 00000129ESRG43839179 Sample:TE40610003-002 Batch#:240605H Sampled:06/10/24 Ordered:06/10/24

Sample Size Received: 14.66 gram
Total Amount: 10 gram

Total Amount: 10 gram
Completed: 06/12/24 Expires: 06/12/25
Sample Method: SOP Client Method

**PASSED** 

Page 6 of 6

# **COMMENTS**

\* Confident Cannabis sample ID: 2406KLAZ0394.1666



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Lab Director

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