

Tempe, AZ, 85284, US (480) 220-4470

Kaycha Labs

Dr who Dr Who Matrix: Flower

Classification: Hybrid Type: Flower-Cured



Pages 1 of 5

PASSED

Certificate of Analysis



Harvest/Lot ID: 250114.J.DRW Batch #: 250114.J.DRW Harvest Date: 01/14/25 Manufacturing Date: 02/12/25 Production Method: Indoor Total Amount: 10 gram Retail Product Size: 10 gram Retail Serving Size: 10

Servings: 1

Lab ID: TE50217005-001 Sampled: 02/17/25 Received: 14.62 gram Sampling Method: N/A Completed: 02/21/25 **Expire:** 02/21/26

Uncle Harry Inc. dba. Lost Dutchmen Cannabis Co.

4722 E Ivy St Mesa, AZ, 85205, US

License #: 00000129ESRG43839179



Cannabinoid

PASSED



Total THC 19.2444%



Total CBD



Total Cannabinoids 22.2956%

		-									
		-									
		-									
		_									
	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
0/	0.6355	21 2100	ND	ND	ND	0.4412	ND	ND	ND	ND	ND
%	0.6355	21.2189	ND	ND	ND	0.4412	ND	ND	ND	ND	ND
mg/g	6.355	212.189	ND	ND	ND	4.412	ND	ND	ND	ND	ND
LOQ	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	%	%	%	%	%	%	%	%	%	%	%
Qualifier											

Extraction date:

Analysis Method: N/A

Analytical Batch: TE007722POT Instrument Used: TE-004 "Duke Leto" (Flower)

Analyzed Date : 02/21/25 11:59:14

Batch Date: 02/17/25 10:47:27

Analyzed by:

Reagent: 021725.01; 020425.R15; 020425.R14; 010825.R24; 010825.R33

Consumables: 947.110; 8000038072; 1008439554; 220318-306-D; 1; 269336; 04402004; GD230008; 329070296; 20240202; 110424CH01

Pipette: TE-059 SN:20A04528 (20-200uL); TE-064 SN:20B27672 (100-1000uL); TE-164 SN: 21H24198 (Isopropanol)

Weight:

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

SAFETY RESULTS



















Extracted by:



MISC.

Pesticide

Heavy Metals **PASSED**

Mycotoxins

NOT TESTED

Material

Filth/Foreign Water Activity **NOT TESTED**

Moisture Content

Terpenes **NOT TESTED NOT TESTED**

PASSED

Microbial **PASSED**

PASSED

Solvents

NOT TESTED

NOT TESTED

Vitamin E

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State-determined thresholds based on the action limits published in Table 3.1 of 9 A.A.C. 17 and 9 A.A.C. 18. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors. Testing results were obtained according to requirements stated in QMS.100.010.AZ Quality Manual.

Ariel Gonzales

Lab Director

00000024LCMD66604568 ISO 17025 Accreditation # 97164

02/21/25



1231 W. Warner Road, Suite 105 Tempe, AZ, 85284, US (480) 220-4470 Kaycha Labs

Dr who Dr Who Matrix: Flower

Matrix: Flower Classification: Hybrid Type: Flower-Cured



Pages 2 of 5

Certificate of Analysis

Sample: TE50217005-001

Uncle Harry Inc. dba. Lost Dutchmen

Cannabis Co.

Telephone: (602) 451-2465

Email: accounting@lostdutchmencannabisco.com

Harvest/Lot ID: 250114.J.DRW Batch #: 250114.J.DRW Ordered: 02/17/25 Sampled: 02/17/25 Completed: 02/21/25

PASSED



Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
AVERMECTINS (ABAMECTIN B1A)	mg	0.017	0.25	0.5	PASS	ND	
ACEPHATE	mg	0.01	0.2	0.4	PASS	ND	
ACETAMIPRID	mg	0.005	0.1	0.2	PASS	ND	
ALDICARB	mg	0.014	0.2	0.4	PASS	ND	
AZOXYSTROBIN	mg	0.005	0.1	0.2	PASS	ND	
BIFENAZATE	mg	0.006	0.1	0.2	PASS	ND	
BIFENTHRIN	mg	0.005	0.1	0.2	PASS	ND	
BOSCALID	mg	0.005	0.2	0.4	PASS	ND	
CARBARYL	mg	0.008	0.1	0.2	PASS	ND	
CARBOFURAN	mg	0.005	0.1	0.2	PASS	ND	
CHLORANTRANILIPROLE	mg	0.011	0.1	0.2	PASS	ND	
CHLORPYRIFOS	mg	0.005	0.1	0.2	PASS	ND	
CLOFENTEZINE	mg	0.01	0.1	0.2	PASS	ND	
CYPERMETHRIN	mg	0.1	0.5	1	PASS	ND	
DIAZINON	mg	0.006	0.1	0.2	PASS	ND	
DAMINOZIDE	mg	0.01	0.5	1	PASS	ND	
DICHLORVOS (DDVP)	mg	0.001	0.05	0.1	PASS	ND	
DIMETHOATE	mg	0.006	0.1	0.2	PASS	ND	
ETHOPROPHOS	mg	0.004	0.1	0.2	PASS	ND	
ETOFENPROX	mg	0.006	0.2	0.4	PASS	ND	
ETOXAZOLE	mg	0.004	0.1	0.2	PASS	ND	
FENOXYCARB	mg	0.005	0.1	0.2	PASS	ND	
FENPYROXIMATE	mg	0.004	0.2	0.4	PASS	ND	
FIPRONIL	mg	0.006	0.2	0.4	PASS	ND	
FLONICAMID	mg	0.009	0.5	1	PASS	ND	
FLUDIOXONIL	mg	0.006	0.2	0.4	PASS	ND	
HEXYTHIAZOX	mg	0.005	0.5	1	PASS	ND	
IMAZALIL	mg	0.011	0.1	0.2	PASS	ND	
IMIDACLOPRID	mg	0.008	0.2	0.4	PASS	ND	
KRESOXIM-METHYL	mg	0.007	0.2	0.4	PASS	ND	
MALATHION	mg	0.007	0.1	0.2	PASS	ND	
METALAXYL	mg	0.004	0.1	0.2	PASS	ND	
METHIOCARB	mg	0.004	0.1	0.2	PASS	ND	
METHOMYL	mg	0.005	0.2	0.4	PASS	ND	
MYCLOBUTANIL	mg	0.01	0.1	0.2	PASS	ND	
NALED	mg	0.007	0.25	0.5	PASS	ND	
OXAMYL	mg	0.008	0.5	1	PASS	ND	
PACLOBUTRAZOL	mg	0.005	0.2	0.4	PASS	ND	
TOTAL PERMETHRINS	mg	0.003	0.1	0.2	PASS	ND	
PHOSMET	mg	0.01	0.1	0.2	PASS	ND	
PIPERONYL BUTOXIDE	mg	0.005	1	2	PASS	ND	
PRALLETHRIN	mg	0.013	0.1	0.2	PASS	ND	
PROPICONAZOLE	mg	0.005	0.2	0.4	PASS	ND	
PROPOXUR	mg	0.005	0.1	0.2	PASS	ND	
TOTAL PYRETHRINS	mg	0.001	0.5	1	PASS	ND	
PYRIDABEN	mg	0.004	0.1	0.2	PASS	ND	
TOTAL SPINOSAD	mg	0.006	0.1	0.2	PASS	ND	
SPIROMESIFEN	mg	0.008	0.1	0.2	PASS	ND	
SPIROTETRAMAT	mg	0.006	0.1	0.2	PASS	ND	
SPIROXAMINE	mg	0.004	0.2	0.4	PASS	ND	
SPIROAMIINE							
TEBUCONAZOLE	mg	0.004	0.2	0.4	PASS	ND	
		0.004 0.006	0.2 0.1	0.4 0.2	PASS PASS	ND ND	

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State-determined thresholds based on the action limits published in Table 3.1 of 9 A.A.C. 17 and 9 A.A.C. 18. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding 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 at Dongs



231 W. Warner Road, Suite 105 Tempe, AZ, 85284, US (480) 220-4470

Kaycha Labs

Dr who Dr Who

Matrix: Flower Classification: Hybrid Type: Flower-Cured

Batch Date: 02/18/25 09:33:17



Pages 3 of 5

Certificate of Analysis

Sample: TE50217005-001

Uncle Harry Inc. dba. Lost Dutchmen

Cannabis Co.

Telephone: (602) 451-2465

Email: accounting@lostdutchmencannabisco.com Harvest/Lot ID: 250114.J.DRW

Batch #: 250114.|.DRW

Ordered: 02/17/25 Sampled: 02/17/25 Completed: 02/21/25

PASSED



Pesticide

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
TRIFLOXYSTROBIN		mg	0.006	0.1	0.2	PASS	ND	
CHLORFENAPYR		mg	0.027	0.3	1	PASS	ND	M2
CYFLUTHRIN		mg	0.015	0.5	1	PASS	ND	
Analyzed by: 410, 152, 272, 545	Weight: 0.4968g	Extraction date: 02/18/25 10:16:21				Extrac 410	ted by:	

Analysis Method: N/A

Analytical Batch: TE007736PES Instrument Used: TE-262 "MS/MS - Pest/Myco 2",TE-117 UHPLC - Pest/Myco 2

Analyzed Date: 02/19/25 16:55:21

Dilution: 25

Reagent: 012925.R19; 012925.R20; 012325.R37; 020425.R32; 041823.06; 021825.R05; 021325.R02; 021325.R03 Consumables: 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1008672189; GD230008; 426060-JG Pipette: TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)

Pesticide screening is carried out using LC-MS/MS supplemented by GC-MS/MS 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 UHPLC).

Analyzed by: Weight: Extraction date: Extracted by:

Analysis Method: N/A

Analytical Batch : TE007747VOL Instrument Used : N/A

Analyzed Date : 02/19/25 16:56:16

Dilution: 25

Reagent: 012925.R19; 012925.R20; 012325.R37; 020425.R32; 041823.06; 021825.R05; 021325.R02; 021325.R03 Consumables: 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1008672189; GD230008; 426060-JG

Pipette: TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)

Supplemental pesticide screening using GC-MS/MS to quantitatively screen for Chlorfenapyr, Cyfluthrin, Cypermethrin, and Diazinon; as well as the qualitative confirmation of Dichlorvos, Permethrins, Piperonyl Butoxide, Prallethrin, Propiconazole, Pyrethrins, and Tebuconazole which are all quantitatively screened using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.154.AZ for analysis using a ThermoScietific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).



Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
SALMONELLA SPP.	mg	0	0	1	PASS	Not Present in 1g	
ASPERGILLUS FLAVUS	mg	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS FUMIGATUS	mg	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS NIGER	mg	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS TERREUS	mg	1	0	0.999	PASS	Not Present in 1g	
ESCHERICHIA COLI (REC)	mg	10	10	100	PASS	<10	

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State-determined thresholds based on the action limits published in Table 3.1 of 9 A.A.C. 17 and 9 A.A.C. 18. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors. Testing results were obtained according to requirements stated in QMS.100.010.AZ Quality Manual.

Ariel Gonzales

Batch Date: 02/18/25 16:43:45

Lab Director

00000024LCMD66604568 ISO 17025 Accreditation # 97164



231 W. Warner Road, Suite 105 Tempe, AZ, 85284, US (480) 220-4470

Kaycha Labs

Dr who Dr Who

Matrix: Flower Classification: Hybrid Type: Flower-Cured



Pages 4 of 5

Certificate of Analysis

Sample: TE50217005-001

Uncle Harry Inc. dba. Lost Dutchmen

Cannabis Co.

Telephone: (602) 451-2465

Email: accounting@lostdutchmencannabisco.com Harvest/Lot ID: 250114.J.DRW Batch #: 250114.|.DRW

Ordered: 02/17/25 Sampled: 02/17/25 Completed: 02/21/25

Batch Date: 02/17/25 16:55:53

PASSED



Microbial

PASSED

ANALYTES		UNIT LOD LOC	Q ACTION LEVEL PASS/FAIL RESULT	QUALIFIER
Analyzed by:	Weight:	Extraction date:	Extracted by:	
87 272 545	9612a	02/19/25 17:02:31	331.87	

Analysis Method: N/A

Analytical Batch : TE007729MIC

Instrument Used: TE-234 "bioMerieux GENE-UP"
Analyzed Date: 02/19/25 18:47:02

Dilution: 10

Reagent : 013025.06; 021425.R21; 120524.16

Consumables : N/A

Pipette: TE-053 SN:20E78952; TE-061 SN:20C35454; TE-062 SN:20C50491; TE-066 SN:20D56970; TE-069 SN:21B23920; TE-109 SN:20B18330; TE-256 Dispensette S Bottle Top Dispenser

SN:20G36073; TE-258

Microbiological screening for bacterial and fungal identification via Polymerase Chain Reaction (PCR) methods consisting of sample DNA amplified via tandem PCR as a crude lysate without purification. (Methods: SOP.T.40.056B for sample prep and screening for Salmonella and Aspergillus sp. by PathogenDx Detectx Combined using a SensoSpot Microarray Analyzer and SOP.T.40.209.AZ for quantitative plating of E. coli on 3M Rapid E. coli Petrifilm and confirmation of Aspergillus sp. on SabDex agar for derivative products). All qualitative microbial testing is reported as detected/not detected in 1g.



Mycotoxins

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS		mg	1.487	4.851	20	PASS	ND	
AFLATOXIN B1		mg	1.47	4.851	20	PASS	ND	
AFLATOXIN B2		mg	1.8	5.94	20	PASS	ND	
AFLATOXIN G1		mg	1.9	6.27	20	PASS	ND	
AFLATOXIN G2		mg	3.25	10.725	20	PASS	ND	
OCHRATOXIN A		mg	4.61	12	20	PASS	ND	
Analyzed by: 410, 272, 545	Weight: 0.4968g	Extraction date: 02/18/25 10:16:21				Extracte 410	ed by:	

Analysis Method: N/A Analytical Batch : TE007748MYC Instrument Used: N/A

Analyzed Date : 02/19/25 16:55:55

Batch Date: 02/18/25 16:44:19

Dilution : 25
Reagent : 012925.R19; 012925.R20; 012325.R37; 020425.R32; 041823.06; 021825.R05; 021325.R02; 021325.R03
Consumables : 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1008672189; GD230008; 426060-JG

Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)

Aflatoxins B1, B2, G1, G2, and Ochratoxin A analysis using LC-MS/M5. (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 <20µg/kg. Ochratoxin must be <20µg/kg.



Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
ARSENIC	mg	0.003	0.2	0.4	PASS	ND	
CADMIUM	mg	0.002	0.2	0.4	PASS	ND	
LEAD	mg	0.001	0.5	1	PASS	ND	
MERCURY	mg	0.0125	0.1	0.2	PASS	ND	

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State-determined thresholds based on the action limits published in Table 3.1 of 9 A.A.C. 17 and 9 A.A.C. 18. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors. Testing results were obtained according to requirements stated in QMS.100.010.AZ Quality Manual.

Ariel Gonzales

Lab Director

00000024LCMD66604568 ISO 17025 Accreditation # 97164



Tempe, AZ, 85284, US (480) 220-4470

Kaycha Labs

Dr who Dr Who

Matrix: Flower Classification: Hybrid Type: Flower-Cured

445.398



Pages 5 of 5

Certificate of Analysis

Sample: TE50217005-001

Uncle Harry Inc. dba. Lost Dutchmen

Cannabis Co.

Telephone: (602) 451-2465

Email: accounting@lostdutchmencannabisco.com Harvest/Lot ID: 250114.J.DRW Batch #: 250114.|.DRW

Ordered: 02/17/25 Sampled: 02/17/25 Completed: 02/21/25

PASSED



Heavy Metals

PASSED

ANALYTES LOD LOQ **ACTION LEVEL** PASS/FAIL RESULT **QUALIFIER** Analyzed by: Weight: Extraction date:

02/18/25 14:19:55

Analysis Method: N/A Analytical Batch : TE007743HEA Instrument Used : TE-307 "Ted" Analyzed Date: 02/19/25 16:05:53

Batch Date: 02/18/25 14:17:20

Dilution: 50

398, 272, 545

Reagent: 102824.03; 021825.R30; 100424.03; 021425.01; 090922.04

Consumables: 110424CH01; 210705-306-D; 269336; GD230008

Pipette: TE-063 SN:20C50490 (20-200uL); TE-110 SN:20B18338 (100-1000uL); TE-169 SN: 20B16352 (Nitric Acid)

0.2038a

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).

COMMENTS

* Confident Cannabis sample ID: 2502KLAZ0212.1024

* Pesticide TE50217005-001PES

1 - L1: Propiconazole. M2: Flonicamid, Fludioxonil, Paclobutrazol, Tebuconazole.

* Volatile Pesticides TE50217005-001VOL

1 - M2:Chlorfenapyr

Ariel Gonzales

Lab Director

00000024LCMD66604568 ISO 17025 Accreditation # 97164

be detected and reliably measured by an analytical procedure, respectively. Action Levels are State-determined thresholds based on the action limits published in Table 3.1 of 9 A.A.C. 17 and 9 A.A.C. 18. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors. Testing results were obtained according to requirements stated in QMS.100.010.AZ Quality Manual.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval

from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can