



Certificate of Analysis



Sample: TE40710004-002
Batch#: 240620H
Batch Date: 07/09/24
Sample Size Received: 15.40 gram
Total Amount: 10 gram
Retail Product Size: 10 gram
Retail Serving Size: 10 gram
Servings: 1
Ordered: 07/10/24
Sampled: 07/10/24
Sample Collection Time: 12:30 PM
Completed: 07/12/24

PASSED

Pages 1 of 5

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

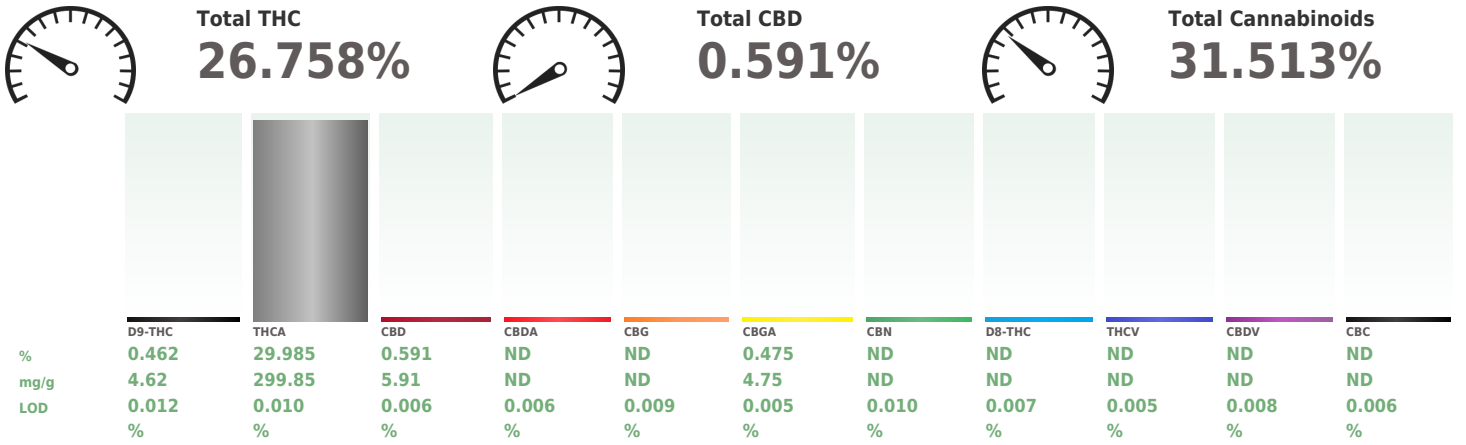
License # 00000129ESRG43839179

4722 E Ivy St
 Mesa, AZ, 85205, US

SAFETY RESULTS

 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents NOT TESTED	 Filtration NOT TESTED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Terpenes NOT TESTED	MISC.
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Cannabinoid **PASSED**



Analyzed by: 312, 272, 399 Weight: 0.2028g Extraction date: 07/10/24 17:52:45 Extracted by: 333,312

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
 Analytical Batch : TE005200POT Reviewed On : 07/11/24 15:26:18
 Instrument Used : TE-004 "Duke Leto" (Flower) Batch Date : 07/10/24 14:27:08
 Analyzed Date : 07/10/24 17:51:25

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

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 #
 0000024LCMD66604568
 ISO 17025 Accreditation # 97164



Signature
 07/12/24



Certificate of Analysis


PASSED

Uncle Harry Inc. dba. Lost Dutchmen Cannabis Co.
4722 E Ivy St
Mesa, AZ, 85205, US
Telephone: (602) 451-2465
Email: accounting@lostdutchmencannabisco.com
License #: 00000129ESRG43839179

Sample : TE40710004-002
Batch#: 240620H
Sampled : 07/10/24
Ordered : 07/10/24

Sample Size Received : 15.40 gram
Total Amount : 1.0 gram
Completed : 07/12/24 Expires: 07/12/25
Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
AVERMECTINS (ABAMECTIN B1A)	0.0170	ppm	0.5	PASS	ND	TOTAL SPINOSAD	0.0060	ppm	0.2	PASS	ND
ACEPHATE	0.0100	ppm	0.4	PASS	ND	SPIROMESIFEN	0.0080	ppm	0.2	PASS	ND
ACETAMIPRID	0.0050	ppm	0.2	PASS	ND	SPIROTETRAMAT	0.0060	ppm	0.2	PASS	ND
ALDICARB	0.0140	ppm	0.4	PASS	ND	SPIROXAMINE	0.0040	ppm	0.4	PASS	ND
AZOXYSTROBIN	0.0050	ppm	0.2	PASS	ND	TEBUCONAZOLE	0.0040	ppm	0.4	PASS	ND
BIFENAZATE	0.0060	ppm	0.2	PASS	ND	THIACLOPRID	0.0060	ppm	0.2	PASS	ND
BIFENTHRIN	0.0050	ppm	0.2	PASS	ND	THIAMETHOXAM	0.0060	ppm	0.2	PASS	ND
BOSCALID	0.0050	ppm	0.4	PASS	ND	TRIFLOXYSTROBIN	0.0060	ppm	0.2	PASS	ND
CARBARYL	0.0080	ppm	0.2	PASS	ND	CHLORFENAPYR *	0.0270	ppm	1	PASS	ND
CARBOFURAN	0.0050	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.0150	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.0110	ppm	0.2	PASS	ND	Analyzed by: 152, 39, 272, 399 Weight: 0.5007g Extraction date: 07/10/24 16:54:03 Extracted by: 410 Analysis Method: SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch: TE005188PES Reviewed On: 07/11/24 15:12:04 Instrument Used: TE-118 "MS/MS Pest/Myco 1", TE-261 "UHPLC - Pest/Myco 2" Batch Date: 07/09/24 15:58:21 Analyzed Date: 07/10/24 18:52:26 Dilution: 25 Reagent: 062524.R14; 070824.R03; 061224.R01; 061224.R23; 062724.R19; 041823.06; 060524.R27; 062724.R10; 062724.R12 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) 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: 152, 39, 272, 399 Weight: 0.5007g Extraction date: 07/10/24 16:54:03 Extracted by: 410 Analysis Method: SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ Analytical Batch: TE005208VOL Reviewed On: 07/11/24 15:19:43 Instrument Used: TE-118 "MS/MS Pest/Myco 1", TE-261 "UHPLC - Pest/Myco 2" Batch Date: 07/11/24 11:44:15 Analyzed Date: 07/11/24 11:45:15 Dilution: 25 Reagent: 062524.R14; 070824.R03; 061224.R01; 061224.R23; 062724.R19; 041823.06; 060524.R27; 062724.R10; 062724.R12 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) 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 ThermoScientific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).					
CHLORPYRIFOS	0.0100	ppm	0.2	PASS	ND						
CLOFENTAZINE	0.1000	ppm	1	PASS	ND						
CYPERMETHRIN	0.0060	ppm	0.2	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						
FENOXICARB	0.0050	ppm	0.2	PASS	ND						
FENPROXIMATE	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						
HEXTHIAZOX	0.0050	ppm	1	PASS	ND						
IMAZALIL	0.0110	ppm	0.2	PASS	ND						
IMIDACLOPRID	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						
OXAMYL	0.0080	ppm	1	PASS	ND						
PACLOBUTRAZOL	0.0050	ppm	0.4	PASS	ND						
TOTAL PERMETHRINS	0.0030	ppm	0.2	PASS	ND						
PHOSMET	0.0100	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	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						
TOTAL PYRETHRINS	0.0010	ppm	1	PASS	ND						
PYRIDABEN	0.0040	ppm	0.2	PASS	ND						

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Ariel Gonzales
Lab Director

State License #
00000024LCMD66604568
ISO 17025 Accreditation # 97164



Signature
07/12/24



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
 Sample : TE40710004-002
 Batch#: 240620H
 Sampled : 07/10/24
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 Sample Size Received : 15.40 gram
 Total Amount : 10 gram
 Completed : 07/12/24 Expires: 07/12/25
 Sample Method : SOP Client Method

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 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP			Not Present in 1g	PASS		TOTAL AFLATOXINS	1.4870	ppb	ND	PASS	20
ASPERGILLUS FLAVUS			Not Present in 1g	PASS		AFLATOXIN B1	1.4700	ppb	ND	PASS	20
ASPERGILLUS FUMIGATUS			Not Present in 1g	PASS		AFLATOXIN B2	1.8000	ppb	ND	PASS	20
ASPERGILLUS NIGER			Not Present in 1g	PASS		AFLATOXIN G1	1.9000	ppb	ND	PASS	20
ASPERGILLUS TERREUS			Not Present in 1g	PASS		AFLATOXIN G2	3.2500	ppb	ND	PASS	20
ESCHERICHIA COLI REC	10.0000	CFU/g	<10	PASS	100	OCHRATOXIN A	4.6100	ppb	ND	PASS	20
Analyzed by: 87, 39, 272, 399 Weight: 0.9047g Extraction date: 07/10/24 15:23:03 Extracted by: 87						Analyzed by: 152, 39, 272, 399 Weight: 0.5007g Extraction date: 07/10/24 16:54:03 Extracted by: 410					
Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ Analytical Batch : TE005194MIC Reviewed On : 07/12/24 14:38:50 Instrument Used : TE-234 "bioMerieux GENE-UP" Batch Date : 07/10/24 13:01:44 Analyzed Date : N/A						Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch : TE005207MYC Reviewed On : 07/11/24 15:14:38 Instrument Used : N/A Batch Date : 07/11/24 11:42:52 Analyzed Date : 07/11/24 11:44:04					
Dilution : 10 Reagent : N/A Consumables : N/A Pipette : N/A						Dilution : 25 Reagent : 062524.R14; 070824.R03; 061224.R01; 061224.R23; 062724.R19; 041823.06; 060524.R27; 062724.R10; 062724.R12 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 TSO with Vanquish UHPLC). Total Aflatoxins (sum of Aflotoxins B1, B2, G1, G2) must be <20µg/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: 398, 39, 272, 399 Weight: 0.1944g Extraction date: 07/11/24 11:24:04 Extracted by: 398	
Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ Analytical Batch : TE005202HEA Reviewed On : 07/12/24 11:43:46 Instrument Used : TE-307 "Ted" Batch Date : 07/10/24 16:11:05 Analyzed Date : N/A	
Dilution : 50 Reagent : 101723.13; 070824.R01; 070924.R01; 032724.02; 062824.01; 090922.04 Consumables : 12651-323CE-321E; 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).



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

Kaycha Labs

.....
 Gelato ZKZ
 Gelato ZKZ
 Matrix : Flower
 Type: Cannabis Flower



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Completed : 07/12/24 **Expires:** 07/12/25
Sample Method : SOP Client Method

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COMMENTS

* Confident Cannabis sample ID: 2407KLAZ0459.1852



* Pesticide TE40710004-002PES

1 - M1: Bifenthrin. M2: Etofenprox.

* Volatile Pesticides TE40710004-002VOL

1 - L1: Cyfluthrin. V1: Cyfluthrin. M2: Chlorfenapyr.

* SRF Comments

Harvest Date: 06/20/2024

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Ariel Gonzales

Lab Director

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Signature
 07/12/24



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Kaycha Labs

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Gelato ZKZ
Gelato ZKZ
Matrix : Flower
Type: Cannabis Flower



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