



Certificate of Analysis



Sample: TE40521007-003
Batch#: 240516H
Batch Date: 05/21/24
Sample Size Received: 14.38 gram
Total Amount: 12 gram
Retail Product Size: 10 gram
Retail Serving Size: 10 gram
Servings: 1
Ordered: 05/21/24
Sampled: 05/21/24
Sample Collection Time: 05:45 PM
Completed: 05/25/24

PASSED

Pages 1 of 5

May 25, 2024 | Uncle Harry Inc. dba. Lost Dutchmen Cannabis Co.

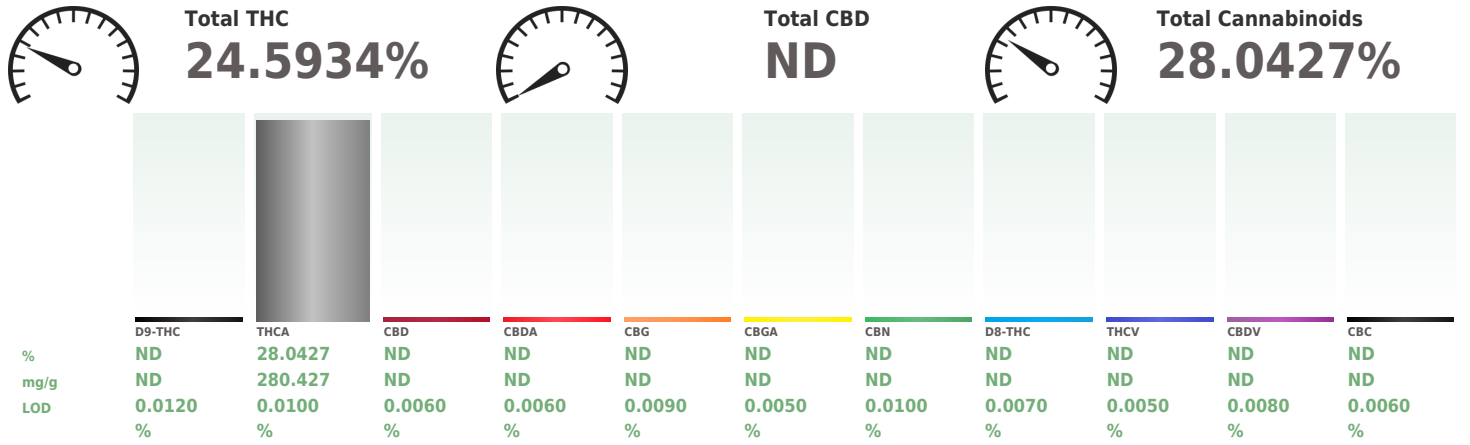
License # 00000129ESRG43839179

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
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Cannabinoid **PASSED**



Analyzed by: 312, 272, 331 Weight: 0.2066g Extraction date: 05/24/24 17:35:28 Extracted by: 333,312

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
 Analytical Batch : TE004794POT Reviewed On : 05/25/24 19:04:36
 Instrument Used : TE-004 "Duke Leto" (Flower) Batch Date : 05/23/24 12:45:02
 Analyzed Date : 05/24/24 17:42:20

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
 05/25/24



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4722 E Ivy St
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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	<p>Analyzed by: Weight: 0.4974g Extraction date: 05/24/24 17:27:54</p> <p>152, 272, 331</p> <p>Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ</p> <p>Analytical Batch : TE004806PES</p> <p>Instrument Used : TE-118 *MS/MS Pest/Myco 1*, TE-261 *UHPLC - Pest/Myco 2*</p> <p>Reviewed On : 05/25/24 18:56:40</p> <p>Batch Date : 05/24/24 14:44:24</p> <p>Analyzed Date : 05/24/24 17:42:55</p>					
CHLORPYRIFOS	0.0050	ppm	0.2	PASS	ND	<p>Dilution : 25</p> <p>Reagent : 050924.R16; 052424.R02; 042424.R38; 052324.R09; 051024.R13; 050724.R18; 051624.R04; 041823.06</p> <p>Consumables : 9479291.203; 8000038072; 111423CH01; 220318-306-D; 1008645998; GD23001; 426220-JC</p> <p>Pipette : TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)</p>					
CLOFENTHEZINE	0.0100	ppm	0.2	PASS	ND	<p>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).</p>					
CYPERMETHRIN	0.1000	ppm	1	PASS	ND	<p>Analyzed by: Weight: 0.4974g Extraction date: 05/24/24 17:27:54</p> <p>152, 272, 331</p> <p>Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ</p> <p>Analytical Batch : TE004811VOL</p> <p>Instrument Used : TE-118 *MS/MS Pest/Myco 1*, TE-261 *UHPLC - Pest/Myco 2*</p> <p>Reviewed On : 05/25/24 19:00:38</p> <p>Batch Date : 05/25/24 10:55:37</p> <p>Analyzed Date : N/A</p>					
DIAZINON	0.0060	ppm	0.2	PASS	ND	<p>Dilution : 25</p> <p>Reagent : 050924.R16; 052424.R02; 042424.R38; 052324.R09; 051024.R13; 050724.R18; 051624.R04; 041823.06</p> <p>Consumables : 9479291.203; 8000038072; 111423CH01; 220318-306-D; 1008645998; GD23001; 426220-JC</p> <p>Pipette : TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)</p>					
DAMINOZIDE	0.0100	ppm	1	PASS	ND	<p>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).</p>					
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						
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						
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

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Signature
05/25/24



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
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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, 272, 331	Weight: 0.9967g	Extraction date: 05/22/24 16:14:37				Analyzed by: 152, 272, 331	Weight: 0.4974g	Extraction date: 05/24/24 17:27:54			
Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ Analytical Batch : TE004778MIC Reviewed On : 05/24/24 16:07:45 Instrument Used : TE-234 "bioMerieux GENE-UP" Batch Date : 05/22/24 13:51:33 Analyzed Date : N/A						Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch : TE004810MYC Reviewed On : 05/25/24 18:58:50 Instrument Used : N/A Batch Date : 05/25/24 10:54:03 Analyzed Date : N/A					
Dilution : 10 Reagent : 032724.37; 032724.38; 050724.12; 050724.13; 041124.45; 041124.47; 042424.20; 052324.04; 052324.09; 050724.06; 050724.08; 042924.02; 052224.R01 Consumables : 33T797; 210616-361-B; 220301-071-B; 111423CH01; 112023CH01; 728914-G23536; 210725-598-D; NT10-1212 Pipette : TE-053 SN:20E78952; TE-057 SN:21D58688; 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						Dilution : 25 Reagent : 050924.R16; 052424.R02; 042424.R38; 052324.R09; 051024.R13; 050724.R18; 051624.R04; 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 TSO with Vanquish UHPLC). Total Aflatoxins (sum of Aflatoxins 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: 39, 272, 331	Weight: 0.192g	Extraction date: 05/23/24 17:35:27			
Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ Analytical Batch : TE004796HEA Reviewed On : 05/24/24 14:12:26 Batch Date : 05/23/24 14:17:35 Instrument Used : TE-051 "Metals Hood", TE-141 "Wolfgang", TE-153 "Bill", TE-157 "Bill Pump", TE-156 "Bill Chiller", TE-155 "Bill AS", TE-260 "Ludwig" Analyzed Date : N/A					
Dilution : 50 Reagent : 101723.13; 051524.R08; 032724.01; 050624.01; 100121.01; 052324.R16 Consumables : 111423CH01; 220318-306-D; 210725-598-D Pipette : TE-110 SN:20B18338 (100-1000uL); TE-169 SN: 20B16352 (Nitric Acid)					

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 #41
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Matrix : Flower
Type: Cannabis Flower



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COMMENTS

* Confident Cannabis sample ID: 2405KLAZ0345.1477



* Pesticide TE40521007-003PES

1 - M1: Cypermethrin. M2: Fludioxonil, Hexythiazox, Total Permethrins, Total Spinosad.

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