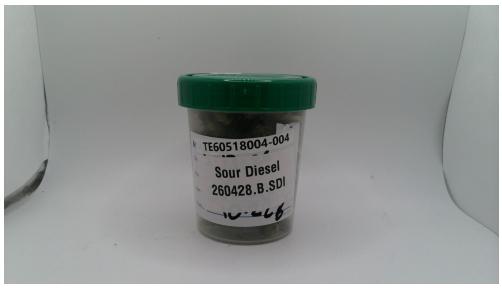
1231 W. Warner Road, Suite 105
Tempe, AZ, 85284, US
(833) 465-8378

Kaycha Labs

Sour Diesel
Strain: Sour Diesel
Matrix: Flower
Classification: Hybrid
Type: Flower-Cured

Certificate of Analysis

PASSED



Batch #: 260428.B.SDI
Harvest Date: 04/28/26
Manufacturing Date: 05/13/26
Production Method: Indoor
Total Amount: 10 gram

Lab ID: TE60518004-004
Ordered: 05/17/26
Sampled Date: 05/18/26
Sample Collection Time: 03:22 PM
Sample Size: 26.41 gram
Completed: 05/21/26

Uncle Harry Inc. dba. Lost Dutchmen Cannabis Co.
4722 E Ivy St
Mesa, AZ, 85205, US
License # : 00000129ESRG43839179

SAFETY RESULTS

Pesticide	Heavy Metals	Microbial	Mycotoxins	Solvents	Filth/Foreign Material	Water Activity	Moisture Content
PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

MISC.

Vitamin E	Terpenes
NOT TESTED	NOT TESTED

Cannabinoid — PASSED

Total THC
28.9748%

Total CBD
ND

Total Cannabinoids Q3
33.9370%

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	0.2250	32.7820	ND	ND	ND	0.9300	ND	ND	ND	ND	ND
mg/g	2.2500	327.8200	ND	ND	ND	9.3000	ND	ND	ND	ND	ND
LOD	0.0001	0.0001	0.0001	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0001
LOQ	0.0001	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	%	%	%	%	%	%	%	%	%	%	%
Qualifier											

Analyzed by: 333, 540, 272, 603
Weight: 0.2089g
Extraction date: 05/19/26 15:40:50
Extracted by: 333

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
Analytical Batch : TE014083POT
Instrument Used : TE-004 "Blossom"
Batch Date : 05/18/26 13:14:58
Analyzed Date : 05/20/26 16:37:58

Dilution : 400
Reagent : 051326.R10; 051826.R05; 042026.R05; 011326.R12
Consumables : 927.009; 8000038072; 31425034; 120125CH01; 1010628866; M09007V; 1011134802; 5260065; GD250006; 326120149
Pipette : TE-072 SN:RU26833 (2-20uL); TE-074 SN:RU31707; TE-054 SN:21D58682; TE-064 SN:20B27672 (100-1000uL)

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.

Ariel Casey
Lab Director

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ISO 17025 Accreditation #
97164

Signature
05/21/26
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4722 E Ivy St
Mesa, AZ, 85205, US
License # : 00000129ESRG43839179

Sample: TE60518004-004
Batch #: 260428.B.SDI

Ordered: 05/17/26
Sampled: 05/18/26
Completed: 05/21/26

PASSED

Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
AVERMECTINS (ABAMECTIN B1A)	ppm	0.0170	0.2500	0.5	PASS	ND	
ACEPHATE	ppm	0.0100	0.2000	0.4	PASS	ND	
ACETAMIPRID	ppm	0.0050	0.1000	0.2	PASS	ND	
ALDICARB	ppm	0.0140	0.2000	0.4	PASS	ND	
AZOXYSTROBIN	ppm	0.0050	0.1000	0.2	PASS	ND	
BIFENAZATE	ppm	0.0060	0.1000	0.2	PASS	ND	
BIFENTHRIN	ppm	0.0050	0.1000	0.2	PASS	ND	
BOSCALID	ppm	0.0050	0.2000	0.4	PASS	ND	
CARBARYL	ppm	0.0080	0.1000	0.2	PASS	ND	
CARBOFURAN	ppm	0.0050	0.1000	0.2	PASS	ND	
CHLORANTRANILIPROLE	ppm	0.0110	0.1000	0.2	PASS	ND	
CHLORPYRIFOS	ppm	0.0050	0.1000	0.2	PASS	ND	
CLOFENTEZINE	ppm	0.0100	0.1000	0.2	PASS	ND	
CYPERMETHRIN	ppm	0.1000	0.5000	1	PASS	ND	
DAMINOZIDE	ppm	0.0100	0.5000	1	PASS	ND	
DIAZINON	ppm	0.0060	0.1000	0.2	PASS	ND	
DICHLORVOS (DDVP)	ppm	0.0010	0.0500	0.1	PASS	ND	
DIMETHOATE	ppm	0.0060	0.1000	0.2	PASS	ND	
ETHOPROPHOS	ppm	0.0040	0.1000	0.2	PASS	ND	
ETOFENPROX	ppm	0.0060	0.2000	0.4	PASS	ND	
ETOXAZOLE	ppm	0.0040	0.1000	0.2	PASS	ND	
FENOXYCARB	ppm	0.0050	0.1000	0.2	PASS	ND	
FENPYROXIMATE	ppm	0.0040	0.2000	0.4	PASS	ND	
FIPRONIL	ppm	0.0060	0.2000	0.4	PASS	ND	V1, L1
FLONICAMID	ppm	0.0090	0.5000	1	PASS	ND	V1, L1
FLUDIOXONIL	ppm	0.0060	0.2000	0.4	PASS	ND	
HEXYTHIAZOX	ppm	0.0050	0.5000	1	PASS	ND	
IMAZALIL	ppm	0.0110	0.1000	0.2	PASS	ND	
IMIDACLOPRID	ppm	0.0080	0.2000	0.4	PASS	ND	
KRESOXIM-METHYL	ppm	0.0070	0.2000	0.4	PASS	ND	
MALATHION	ppm	0.0070	0.1000	0.2	PASS	ND	
METALAXYL	ppm	0.0040	0.1000	0.2	PASS	ND	
METHIOCARB	ppm	0.0040	0.1000	0.2	PASS	ND	
METHOMYL	ppm	0.0050	0.2000	0.4	PASS	ND	
MYCLOBUTANIL	ppm	0.0100	0.1000	0.2	PASS	ND	
NALED	ppm	0.0070	0.2500	0.5	PASS	ND	
OXAMYL	ppm	0.0080	0.5000	1	PASS	ND	
PACLOBUTRAZOL	ppm	0.0050	0.2000	0.4	PASS	ND	
TOTAL PERMETHRINS	ppm	0.0030	0.1000	0.2	PASS	ND	
PHOSMET	ppm	0.0100	0.1000	0.2	PASS	ND	
PIPERONYL BUTOXIDE	ppm	0.0050	1.0000	2	PASS	ND	
PRALLETHRIN	ppm	0.0130	0.1000	0.2	PASS	ND	
PROPICONAZOLE	ppm	0.0050	0.2000	0.4	PASS	ND	
PROPOXUR	ppm	0.0050	0.1000	0.2	PASS	ND	
TOTAL PYRETHRINS	ppm	0.0010	0.5000	1	PASS	ND	
PYRIDABEN	ppm	0.0040	0.1000	0.2	PASS	ND	
TOTAL SPINOSAD	ppm	0.0060	0.1000	0.2	PASS	ND	
SPIROMESIFEN	ppm	0.0080	0.1000	0.2	PASS	ND	
SPIROTETRAMAT	ppm	0.0060	0.1000	0.2	PASS	ND	
SPIROXAMINE	ppm	0.0040	0.2000	0.4	PASS	ND	
TEBUCONAZOLE	ppm	0.0040	0.2000	0.4	PASS	ND	
THIACLOPRID	ppm	0.0060	0.1000	0.2	PASS	ND	
THIAMETHOXAM	ppm	0.0060	0.1000	0.2	PASS	ND	

Ariel Casey
Lab Director

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Certificate of Analysis

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4722 E Ivy St
Mesa, AZ, 85205, US
License # : 00000129ESRG43839179

Sample: TE60518004-004
Batch #: 260428.B.SDI

Ordered: 05/17/26
Sampled: 05/18/26
Completed: 05/21/26

PASSED

Pesticide — PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TRIFLOXYSTROBIN	ppm	0.0060	0.1000	0.2	PASS	ND	
CHLORFENAPYR	ppm	0.0270	0.5000	1	PASS	ND	V1, L1
CYFLUTHRIN	ppm	0.0150	0.5000	1	PASS	ND	V1, L1

Analyzed by: 410, 272, 603 **Weight:** 1.0129g **Extraction date:** 05/19/26 14:52:11 **Extracted by:** 410,333

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ
Analytical Batch : TE014099PES
Instrument Used : TE-118 - "MS/MS PES/VOL/MYC 1",TE-261 LC - "PES/VOL/MYC 1"
Batch Date : 05/19/26 13:09:17
Analyzed Date : 05/20/26 16:33:04

Dilution : 50
Reagent : 042726.R04; 022326.R24; 042726.R03; 051226.R23; 051726.R08; 051426.R18; 051426.R19; 050426.R14; 051326.R11
Consumables : 9479291.043; 8000038072; 120125CH01; 1010628866; 1011134802; GD250006
Pipette : TE-078 SN:RU33650; TE-062 SN:20C50491

Pesticide screening is carried out 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).

Analyzed by: 410, 272, 603 **Weight:** 1.0129g **Extraction date:** 05/19/26 14:52:11 **Extracted by:** 410,333

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ
Analytical Batch : TE014105VOL
Instrument Used : TE-118 "MS/MS Pest/Myco 1",TE-261 "UHPLC - Pest/Myco 1
Batch Date : 05/19/26 15:03:09
Analyzed Date : 05/20/26 16:36:05

Dilution : 50
Reagent : 042726.R04; 022326.R24; 042726.R03; 051226.R23; 051726.R08; 051426.R18; 051426.R19; 050426.R14; 051326.R11
Consumables : 9479291.043; 8000038072; 120125CH01; 1010628866; 1011134802; GD250006
Pipette : TE-078 SN:RU33650; TE-062 SN:20C50491

Chlorfenapyr and Cyfluthrin 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)

Microbial — PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
SALMONELLA SPP.					PASS	Not Detected in 1g	
ASPERGILLUS FLAVUS					PASS	Not Detected in 1g	
ASPERGILLUS FUMIGATUS					PASS	Not Detected in 1g	
ASPERGILLUS NIGER					PASS	Not Detected in 1g	
ASPERGILLUS TERREUS					PASS	Not Detected in 1g	
ESCHERICHIA COLI (REC)	CFU/g	10.0000	10.0000	100	PASS	<LOQ	

Analyzed by: 331, 272, 603 **Weight:** 1.0584g **Extraction date:** 05/20/26 12:51:33 **Extracted by:** 527

Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ
Analytical Batch : TE014089MIC
Instrument Used : TE-234 "bioMerieux GENE-UP"
Batch Date : 05/18/26 15:59:28
Analyzed Date : 05/21/26 13:41:54

Dilution : 10
Reagent : N/A
Consumables : N/A
Pipette : N/A

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.40.058.AZ for sample prep and screening for Salmonella and Aspergillus sp. via BioMérieux GENE-UP RT-PCR and SOP.T.40.209.AZ for quantitative plating of E. coli on 3M Rapid E. coli Petrifilm.

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Sample: TE60518004-004
Batch #: 260428.B.SDI

Ordered: 05/17/26
Sampled: 05/18/26
Completed: 05/21/26

PASSED

Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS	ppb	3.0300	10.0000	20	PASS	ND	
AFLATOXIN B1	ppb	3.0300	10.0000	20	PASS	ND	
AFLATOXIN B2	ppb	3.0300	10.0000	20	PASS	ND	
AFLATOXIN G1	ppb	3.0300	10.0000	20	PASS	ND	
AFLATOXIN G2	ppb	3.0300	10.0000	20	PASS	ND	
OCHRATOXIN A	ppb	3.0300	10.0000	20	PASS	ND	

Analyzed by: 410, 272, 603
Weight: 1.0129g
Extraction date: 05/19/26 14:52:11
Extracted by: 410,333

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ
Analytical Batch : TE014106MYC
Instrument Used : TE-118 "MS/MS Pest/Myco 1",TE-261 "UHPLC - Pest/Myco 1
Batch Date : 05/19/26 15:04:44
Analyzed Date : 05/20/26 16:34:31

Dilution : 50
Reagent : 042726.R04; 022326.R24; 042726.R03; 051226.R23; 051726.R08; 051426.R18; 051426.R19; 050426.R14; 051326.R11
Consumables : 9479291.043; 8000038072; 120125CH01; 1010628866; 1011134802; GD250006
Pipette : TE-078 SN:RU33650; TE-062 SN:20C50491

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 <20µg/kg. Ochratoxin must be <20µg/kg.

Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ARSENIC	ppm	0.0660	0.2000	0.4	PASS	ND	
CADMIUM	ppm	0.0660	0.2000	0.4	PASS	ND	
LEAD	ppm	0.1660	0.5000	1	PASS	ND	
MERCURY	ppm	0.0333	0.1000	0.2	PASS	ND	

Analyzed by: 398, 272, 603
Weight: 0.2034g
Extraction date: 05/18/26 17:23:04
Extracted by: 398

Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ
Analytical Batch : TE014087HEA
Instrument Used : TE-141 "Wolfgang",TE-153 "Bill",TE-260 "Ludwig"
Batch Date : 05/18/26 14:01:13
Analyzed Date : 05/19/26 18:31:18

Dilution : 50
Reagent : 020626.06; 051326.R16; 051326.R06; 051926.R09; 111125.06; 050826.01; 100121.01
Consumables : 120125CH01; 250925-6306-F; 1010435125; GD250003
Pipette : TE-063 SN:20C50490 (20-200uL); 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).

CONFIDENT CANNABIS QR

* Confident Cannabis sample ID: 2605KLAZ0638.3173

Ariel Casey
Lab Director

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