



Certificate of Analysis

Pages 1 of 5

PASSED



Harvest/Lot ID: PP-SG4325
Batch #: PP-SG4325
Harvest Date: 01/03/25
Manufacturing Date: 04/03/25
Production Method: Butane
Retail Product Size: 14.36 gram
Retail Serving Size: 14.36
Servings: 1

Lab ID: TE50410001-001
Sampled: 04/08/25
Sampling Method: N/A
Completed: 04/14/25
Sample Collection Time: 10:00 AM
Sample Size: 24.11 gram

Undisputed Extracts

2902 W Virginia Ave
Phoenix, AZ, 85009, US

License # : 00000053DCXB00858835

SAFETY RESULTS

MISC.



Pesticide
PASSED



Heavy Metals
PASSED



Microbial
PASSED



Mycotoxins
PASSED



Solvents
PASSED



Filtration
NOT TESTED



Water Activity
NOT TESTED



Moisture Content
NOT TESTED



Vitamin E
NOT TESTED



Terpenes
NOT TESTED



Cannabinoid

PASSED



Total THC
73.4521%



Total CBD
0.1359%



Total Cannabinoids Q3
84.9360%

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	3.4290	79.8440	ND	0.1550	0.2350	1.2730	ND	ND	ND	ND	ND
mg/g	34.290	798.440	ND	1.550	2.350	12.730	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

Analyzed by:
540, 547, 572

Weight:
0.1545g

Extraction date:
04/10/25 18:18:01

Extracted by:
333

Analysis Method : N/A

Analytical Batch : TE008404POT

Instrument Used : TE-004 "Blossom" (Flower)

Analyzed Date : 04/11/25 14:09:10

Batch Date : 04/10/25 11:39:55

Dilution : 800

Reagent : 032425.R01; 032425.R02; 022825.R20; 010825.R33

Consumables : 9479291.162; 8000038072; 240823-1059-A; 220321-306-D; 1009468941; GD240003

Pipette : TE-059 SN:20A04528 (20-200uL); TE-065 SN:20B18327 (100-1000uL); TE-164 SN: 21H24198 (Isopropanol)

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.



Pesticide

PASSED

ANALYTES

AVERMECTINS (ABAMECTIN B1A)

UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
ppm	0.017	0.25	0.5	PASS	ND	

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Madison Levy

Lab Director

State License #
00000024LCMD66604568
ISO 17025 Accreditation #
97164

Madison Levy

Signature
04/14/25



Certificate of Analysis

Pages 2 of 5

Sample: TE50410001-001
Undisputed Extracts
Telephone: (602) 769-0347
Email: sales@undisputedextracts.com

Harvest/Lot ID: PP-SG4325
Batch #: PP-SG4325

Ordered: 04/08/25
Sampled: 04/10/25
Completed: 04/14/25

PASSED

	Pesticide	PASSED
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ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
ACEPHATE	ppm	0.01	0.2	0.4	PASS	ND	
ACETAMIPRID	ppm	0.005	0.1	0.2	PASS	ND	
ALDICARB	ppm	0.014	0.2	0.4	PASS	ND	
AZOXYSTROBIN	ppm	0.005	0.1	0.2	PASS	ND	
BIFENAZATE	ppm	0.006	0.1	0.2	PASS	ND	
BIFENTHRIN	ppm	0.005	0.1	0.2	PASS	ND	
BOSCALID	ppm	0.005	0.2	0.4	PASS	ND	
CARBARYL	ppm	0.008	0.1	0.2	PASS	ND	
CARBOFURAN	ppm	0.005	0.1	0.2	PASS	ND	
CHLORANTRANILIPROLE	ppm	0.011	0.1	0.2	PASS	ND	
CHLORPYRIFOS	ppm	0.005	0.1	0.2	PASS	ND	
CLOFENTEZINE	ppm	0.01	0.1	0.2	PASS	ND	
CYPERMETHRIN	ppm	0.1	0.5	1	PASS	ND	
DIAZINON	ppm	0.006	0.1	0.2	PASS	ND	
DAMINOZIDE	ppm	0.01	0.5	1	PASS	ND	
DICHLORVOS (DDVP)	ppm	0.001	0.05	0.1	PASS	ND	
DIMETHOATE	ppm	0.006	0.1	0.2	PASS	ND	
ETHOPROPHOS	ppm	0.004	0.1	0.2	PASS	ND	
ETOFENPROX	ppm	0.006	0.2	0.4	PASS	ND	
ETOXAZOLE	ppm	0.004	0.1	0.2	PASS	ND	
FENOXYCARB	ppm	0.005	0.1	0.2	PASS	ND	
FENPYROXIMATE	ppm	0.004	0.2	0.4	PASS	ND	
FIPRONIL	ppm	0.006	0.2	0.4	PASS	ND	
FLONICAMID	ppm	0.009	0.5	1	PASS	ND	
FLUDIOXONIL	ppm	0.006	0.2	0.4	PASS	ND	
HEXYTHIAZOX	ppm	0.005	0.5	1	PASS	ND	
IMAZALIL	ppm	0.011	0.1	0.2	PASS	ND	
IMIDACLOPRID	ppm	0.008	0.2	0.4	PASS	ND	
KRESOXIM-METHYL	ppm	0.007	0.2	0.4	PASS	ND	
MALATHION	ppm	0.007	0.1	0.2	PASS	ND	
METALAXYL	ppm	0.004	0.1	0.2	PASS	ND	
METHIOCARB	ppm	0.004	0.1	0.2	PASS	ND	
METHOMYL	ppm	0.005	0.2	0.4	PASS	ND	
MYCLOBUTANIL	ppm	0.01	0.1	0.2	PASS	ND	
NALED	ppm	0.007	0.25	0.5	PASS	ND	
OXAMYL	ppm	0.008	0.5	1	PASS	ND	
PACLOBUTRAZOL	ppm	0.005	0.2	0.4	PASS	ND	
TOTAL PERMETHRINS	ppm	0.003	0.1	0.2	PASS	ND	
PHOSMET	ppm	0.01	0.1	0.2	PASS	ND	
PIPERONYL BUTOXIDE	ppm	0.005	1	2	PASS	ND	
PRALLETHRIN	ppm	0.013	0.1	0.2	PASS	ND	
PROPICONAZOLE	ppm	0.005	0.2	0.4	PASS	ND	
PROPOXUR	ppm	0.005	0.1	0.2	PASS	ND	
TOTAL PYRETHRINS	ppm	0.001	0.5	1	PASS	ND	
PYRIDABEN	ppm	0.004	0.1	0.2	PASS	ND	
TOTAL SPINOSAD	ppm	0.006	0.1	0.2	PASS	ND	
SPIROMESIFEN	ppm	0.008	0.1	0.2	PASS	ND	
SPIROTETRAMAT	ppm	0.006	0.1	0.2	PASS	ND	
SPIROXAMINE	ppm	0.004	0.2	0.4	PASS	ND	
TEBUCONAZOLE	ppm	0.004	0.2	0.4	PASS	ND	
THIACLOPRID	ppm	0.006	0.1	0.2	PASS	ND	
THIAMETHOXAM	ppm	0.006	0.1	0.2	PASS	ND	
TRIFLOXYSTROBIN	ppm	0.006	0.1	0.2	PASS	ND	
CHLORFENAPYR	ppm	0.027	0.3	1	PASS	ND	
CYFLUTHRIN	ppm	0.015	0.5	1	PASS	ND	

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Lab Director
State License #
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ISO 17025 Accreditation #
97164

Signature
04/14/25



1231 W. Warner Road, Suite 105
Tempe, AZ, 85284, US
(561) 322-9740

Kaycha Labs
Sour Grapes
Sour Grapes
Matrix: Concentrate
Classification: Hybrid
Type: Sauce



Certificate of Analysis

Pages 3 of 5

Sample: TE50410001-001

Undisputed Extracts

Telephone: (602) 769-0347

Email: sales@undisputedextracts.com

Harvest/Lot ID: PP-SG4325

Batch #: PP-SG4325

Ordered: 04/08/25

Sampled: 04/10/25

Completed: 04/14/25

PASSED



Pesticide

PASSED

ANALYTES

UNIT LOD LOQ ACTION LEVEL PASS/FAIL RESULT QUALIFIER

Analyzed by: 410, 152, 547, 572 Weight: 0.4933g Extraction date: 04/10/25 17:46:44 Extracted by: 410
Analysis Method : N/A
Analytical Batch : TE008412PES
Instrument Used : TE-262 "MS/MS - Pest/Myco 2",TE-117 UHPLC - Pest/Myco 2 Batch Date : 04/10/25 13:57:09
Analyzed Date : 04/14/25 22:45:57

Dilution : 25
Reagent : 040825.R05; 040825.R01; 032425.R07; 030625.R06; 040125.R25; 041025.R19; 033125.R05; 040125.R26; 041823.06
Consumables : 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1009468941; GD240003; 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: 410, 152, 547, 572 Weight: 0.4933g Extraction date: 04/10/25 17:46:44 Extracted by: 410
Analysis Method : N/A
Analytical Batch : TE008419VOL
Instrument Used : TE-117 UHPLC - Pest/Myco 2,TE-262 "MS/MS - Pest/Myco 2 Batch Date : 04/10/25 17:47:12
Analyzed Date : 04/14/25 22:50:05

Dilution : 25
Reagent : 040825.R05; 040825.R01; 032425.R07; 030625.R06; 040125.R25; 041025.R19; 033125.R05; 040125.R26; 041823.06
Consumables : 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1009468941; GD240003; 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 ThermoScientific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).



Residual Solvents

PASSED

ANALYTES

UNIT LOD LOQ ACTION LEVEL PASS/FAIL RESULT QUALIFIER

BUTANES	ppm	168.2	2400	5000	PASS	ND	M2
METHANOL	ppm	87.7	1440	3000	PASS	ND	
PENTANES	ppm	163.9	2400	5000	PASS	ND	
ETHANOL	ppm	142.2	2400	5000	PASS	ND	
ETHYL ETHER	ppm	193.1	2400	5000	PASS	ND	
ACETONE	ppm	37.6	480	1000	PASS	ND	
2-PROPANOL	ppm	156.2	2400	5000	PASS	ND	
ACETONITRILE	ppm	12.2	196.8	410	PASS	ND	
DICHLOROMETHANE	ppm	22.7	288	600	PASS	ND	
HEXANES	ppm	8.4	139.2	290	PASS	ND	
ETHYL ACETATE	ppm	179	2400	5000	PASS	ND	
CHLOROFORM	ppm	2.41	28.8	60	PASS	ND	
BENZENE	ppm	0.115	1.2	2	PASS	ND	
ISOPROPYL ACETATE	ppm	168.6	2400	5000	PASS	ND	
HEPTANE	ppm	152.8	2400	5000	PASS	ND	
TOLUENE	ppm	26.2	427.2	890	PASS	ND	
XYLENES	ppm	53.2	1041.6	2170	PASS	ND	M2

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Madison Levy

Lab Director

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Madison Levy

Signature
04/14/25



Certificate of Analysis

Pages 4 of 5

Sample: TE50410001-001
Undisputed Extracts
Telephone: (602) 769-0347
Email: sales@undisputedextracts.com

Harvest/Lot ID: PP-SG4325
Batch #: PP-SG4325

Ordered: 04/08/25
Sampled: 04/10/25
Completed: 04/14/25

PASSED



Residual Solvents

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 334, 547, 572	Weight: 0.0221g	Extraction date: 04/10/25 15:43:16		Extracted by: 334				
Analysis Method : N/A Analytical Batch : TE008398SOL Instrument Used : TE-092 "GC - Solvents 1",TE-095 "MS - Solvents 1",TE-098 "Injector - Solvents 1",TE-100 "HS - Solvents 1",TE-113 "Vacuum Pump - Solvents 1" Analyzed Date : 04/14/25 20:37:56 Batch Date : 04/10/25 11:06:11								
Dilution : N/A Reagent : 031025.02; 032625.31 Consumables : H109203-1; 430596; 103689; GD240003 Pipette : TE-349 SN: 42675; TE-347 (25ul gastight)								
Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. (Method: SOP.T.40.044.AZ for sample prep and analysis via ThermoScientific 1310-series GC equipped with a TriPlus 500 Headspace autosampler and detection carried out by ISQ7000-series mass spectrometer). Butanes are reported as the sum of n-Butane and Isobutane. Pentanes are reported as the sum of n-Pentane, Isopentane, and Neopentane. Hexanes are reported as the sum of n-Hexane, 2-Methylpentane, 3-Methylpentane, 2,2-Dimethylbutane, and 2,3-Dimethylbutane. Xylenes are reported as the sum of Ethyl Benzene, m-Xylene, p-Xylene, and o-Xylene.								



Microbial

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
SALMONELLA SPP.		pass/fail	0	0	1	PASS	Not Present in 1g	
ASPERGILLUS FLAVUS		pass/fail	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS FUMIGATUS		pass/fail	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS NIGER		pass/fail	1	0	0.999	PASS	Not Present in 1g	
ASPERGILLUS TERREUS		pass/fail	1	0	0.999	PASS	Not Present in 1g	
ESCHERICHIA COLI (REC)		CFU/g	10	10	100	PASS	<10	
Analyzed by: 87, 547, 572		Weight: 1.0751g		Extraction date: 04/11/25 14:33:47			Extracted by: 331,87	
Analysis Method : N/A								
Analytical Batch : TE008407MIC								
Instrument Used : TE-234 "bioMerieux GENE-UP"					Batch Date : 04/10/25 13:32:35			
Analyzed Date : 04/13/25 16:47:27								
Dilution : 10								
Reagent : 032625.02; 032625.03; 120524.25; 040925.R17								
Consumables : N/A								
Pipette : TE-053 SN:20E78952; TE-061 SN:20C35454; TE-062 SN:20C50491; TE-065 SN:20B18327 (100-1000uL); 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		ppb	1.487	4.851	20	PASS	ND	
AFLATOXIN B1		ppb	1.47	4.851	20	PASS	ND	
AFLATOXIN B2		ppb	1.8	5.94	20	PASS	ND	
AFLATOXIN G1		ppb	1.9	6.27	20	PASS	ND	
AFLATOXIN G2		ppb	3.25	10.725	20	PASS	ND	
OCHRATOXIN A		ppb	4.61	12	20	PASS	ND	

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Signature
04/14/25



Certificate of Analysis

Pages 5 of 5

Sample: **TE50410001-001**
Undisputed Extracts
Telephone: (602) 769-0347
Email: sales@undisputedextracts.com

Harvest/Lot ID: PP-SG4325
Batch #: PP-SG4325

Ordered: 04/08/25
Sampled: 04/10/25
Completed: 04/14/25

PASSED



Mycotoxins

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 410, 152, 547, 572		Weight: 0.4933g	Extraction date: 04/10/25 17:46:44			Extracted by: 410		
Analysis Method : N/A Analytical Batch : TE008420MYC Instrument Used : TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Pest/Myco 2 Analyzed Date : 04/14/25 22:48:19								
Batch Date : 04/10/25 17:47:48								
Dilution : 25 Reagent : 040825.R05; 040825.R01; 032425.R07; 030625.R06; 040125.R25; 041025.R19; 033125.R05; 040125.R26; 041823.06 Consumables : 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1009468941; GD240003; 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/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	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
ARSENIC		ppm	0.066	0.2	0.4	PASS	ND	
CADMIUM		ppm	0.066	0.2	0.4	PASS	ND	
LEAD		ppm	0.166	0.5	1	PASS	ND	
MERCURY		ppm	0.0333	0.1	0.2	PASS	ND	
Analyzed by: 398, 547, 572		Weight: 0.2094g	Extraction date: 04/10/25 15:58:18				Extracted by: 398	
Analysis Method : N/A Analytical Batch : TE008406HEA Instrument Used : TE-051 "Metals Hood",TE-141 "Wolfgang",TE-144,TE-260 "Ludwig",TE-307 "Ted",TE-311 "Ted PC",TE-308 "Ted Chiller",TE-310 "Ted AS",TE-309 "Ted Pump",TE-312 "Ted Monitor",TE-313 "Ted Monitor" Analyzed Date : 04/11/25 21:15:49 Batch Date : 04/10/25 13:01:51								
Dilution : 50 Reagent : 102824.04; 040825.R04; 040825.R03; 010325.02; 031425.01; 090922.04 Consumables : 110424CH01; 220321-306-D; 1009468941; GD240003 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).								