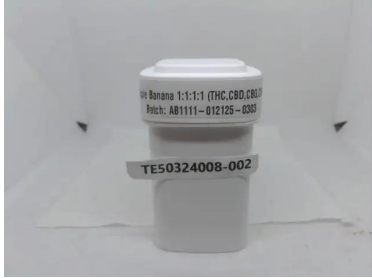




# Certificate of Analysis

**PASSED**



**Harvest/Lot ID:** 012125  
**Batch #:** AB1111-012125-0303  
**Harvest Date:** 11/08/24  
**Manufacturing Date:** 03/21/25  
**Production Method:** Alcohol  
**Retail Product Size:** 51.525 gram  
**Retail Serving Size:** 100  
**Servings:** 1

**Lab ID:** TE50324008-002  
**Sampled:** 03/24/25  
**Sampling Method:** N/A  
**Completed:** 03/27/25  
**Sample Collection Time:** 03:45 PM  
**Expire:** 03/27/26

**RR Brothers**

1321 W Warner Avenue  
 Tempe, AZ, 85824, US  
**License #:** 0000161ESTOJ23023764



## Cannabinoid

**PASSED**



**Total THC**  
**0.1858%**  
**Total THC/Container : 95.73 mg**



**CBD**  
**0.1896%**  
**CBD/Container : 97.69 mg**



**Total Cannabinoids Q3**  
**0.7453%**  
**Total Cannabinoids/Container : 384.02 mg**

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	0.1858	ND	0.1896	ND	0.1742	ND	0.1857	0.0087	ND	ND	0.0013
mg/unit	95.733	ND	97.691	ND	89.757	ND	95.682	4.483	ND	ND	0.670
LOQ					0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
Qualifier	%	%	%	%	%	%	%	%	%	%	%

**Analyzed by:** 333, 432, 547, 545      **Weight:** 2.9384g      **Extraction date:** 03/25/25 13:25:31      **Extracted by:** 333










**Analysis Method :** N/A  
**Analytical Batch :** TE008161POT  
**Instrument Used :** TE-245 "Buttercup" (Infused)      **Batch Date :** 03/24/25 11:22:49  
**Analyzed Date :** 03/26/25 14:32:24

**Dilution :** 40  
**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.

**SAFETY RESULTS**

**MISC.**

 <b>Pesticide</b> <b>PASSED</b>	 <b>Heavy Metals</b> <b>PASSED</b>	 <b>Microbial</b> <b>PASSED</b>	 <b>Mycotoxins</b> <b>PASSED</b>	 <b>Solvents</b> <b>PASSED</b>	 <b>Filtration/Foreign Material</b> <b>NOT TESTED</b>	 <b>Water Activity</b> <b>NOT TESTED</b>	 <b>Moisture Content</b> <b>NOT TESTED</b>	 <b>Vitamin E</b> <b>NOT TESTED</b>	 <b>Terpenes</b> <b>NOT TESTED</b>
-----------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------

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**Madison Levy**  
 Lab Director  
 State License #  
 0000024LCMD66604568  
 ISO 17025 Accreditation #  
 97164

*Madison Levy*  
 Signature  
 03/27/25



# Certificate of Analysis

Sample: TE50324008-002  
 RR Brothers  
 Telephone: (123) 456-7890  
 Email: karinalopez@rrbrothersgroup.com

Harvest/Lot ID: 012125  
 Batch #: AB1111-012125-0303

Ordered: 03/24/25  
 Sampled: 03/24/25  
 Completed: 03/27/25

**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	M1
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	
TEBUCONAZOLE	mg	0.004	0.2	0.4	PASS	ND	
THIACLOPRID	mg	0.006	0.1	0.2	PASS	ND	
THIAMETHOXAM	mg	0.006	0.1	0.2	PASS	ND	
TRIFLOXYSTROBIN	mg	0.006	0.1	0.2	PASS	ND	
CHLORFENAPYR	mg	0.027	0.3	1	PASS	ND	
CYFLUTHRIN	mg	0.015	0.5	1	PASS	ND	

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**Madison Levy**

Lab Director



State License #  
 0000024LCMD66604568  
 ISO 17025 Accreditation #  
 97164

Signature  
 03/27/25



# Certificate of Analysis

Sample: TE50324008-002

RR Brothers

Telephone: (123) 456-7890

Email: karinalopez@rrbrothersgroup.com

Harvest/Lot ID: 012125

Batch #: AB1111-012125-0303

Ordered: 03/24/25

Sampled: 03/24/25

Completed: 03/27/25

**PASSED**



## Pesticide

**PASSED**

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
<b>Analyzed by:</b> 410, 152, 432, 547, 545							
<b>Weight:</b> 0.506g							
<b>Extraction date:</b> 03/25/25 11:40:05							
<b>Extracted by:</b> 410							
<b>Analysis Method :</b> N/A <b>Analytical Batch :</b> TE008168PES <b>Instrument Used :</b> TE-262 "MS/MS - Pest/Myco 2", TE-117 UHPLC - Pest/Myco 2 <b>Batch Date :</b> 03/24/25 17:30:33 <b>Analyzed Date :</b> 03/27/25 18:47:39							
<b>Dilution :</b> 25 <b>Reagent :</b> 032425.R04; 032425.R05; 032425.R07; 030625.R06; 031925.R23; 032125.R10; 030625.R25; 031925.R22; 041823.06 <b>Consumables :</b> 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1009468941; GD240003 <b>Pipette :</b> 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).

<b>Analyzed by:</b> 410, 152, 432, 547, 545	<b>Weight:</b> 0.506g	<b>Extraction date:</b> 03/25/25 11:40:05	<b>Extracted by:</b> 410
<b>Analysis Method :</b> N/A <b>Analytical Batch :</b> TE008180VOL <b>Instrument Used :</b> TE-117 UHPLC - Pest/Myco 2, TE-262 "MS/MS - Pest/Myco 2 <b>Batch Date :</b> 03/25/25 17:30:25 <b>Analyzed Date :</b> 03/27/25 18:56:42			
<b>Dilution :</b> 25 <b>Reagent :</b> 032425.R04; 032425.R05; 032425.R07; 030625.R06; 031925.R23; 032125.R10; 030625.R25; 031925.R22; 041823.06 <b>Consumables :</b> 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1009468941; GD240003 <b>Pipette :</b> 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	mg	168.2	2400	5000	PASS	ND	
METHANOL	mg	87.7	1440	3000	PASS	ND	
PENTANES	mg	163.9	2400	5000	PASS	ND	
ETHANOL	mg	142.2	2400	5000	PASS	ND	
ETHYL ETHER	mg	193.1	2400	5000	PASS	ND	
ACETONE	mg	37.6	480	1000	PASS	ND	
2-PROPANOL	mg	156.2	2400	5000	PASS	ND	
ACETONITRILE	mg	12.2	196.8	410	PASS	ND	
DICHLOROMETHANE	mg	22.7	288	600	PASS	ND	
HEXANES	mg	8.4	139.2	290	PASS	ND	
ETHYL ACETATE	mg	179	2400	5000	PASS	ND	
CHLOROFORM	mg	2.41	28.8	60	PASS	ND	
BENZENE	mg	0.115	1.2	2	PASS	ND	M2
ISOPROPYL ACETATE	mg	168.6	2400	5000	PASS	ND	
HEPTANE	mg	152.8	2400	5000	PASS	ND	
TOLUENE	mg	26.2	427.2	890	PASS	ND	
XYLENES	mg	53.2	1041.6	2170	PASS	ND	M2

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**Madison Levy**

Lab Director

State License #  
 0000024LCMD66604568  
 ISO 17025 Accreditation #  
 97164



Signature  
 03/27/25



# Certificate of Analysis

Sample: TE50324008-002

RR Brothers

Telephone: (123) 456-7890

Email: karinalopez@rrbrothersgroup.com

Harvest/Lot ID: 012125

Batch #: AB1111-012125-0303

Ordered: 03/24/25

Sampled: 03/24/25

Completed: 03/27/25

**PASSED**



## Residual Solvents

**PASSED**

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
<b>Analyzed by:</b> 334, 547, 545  <b>Weight:</b> 0.0215g  <b>Extraction date:</b> 03/25/25 12:25:40  <b>Extracted by:</b> 334  <b>Analysis Method :</b> N/A <b>Analytical Batch :</b> TE0081725OL <b>Instrument Used :</b> 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" <b>Batch Date :</b> 03/25/25 11:41:54 <b>Analyzed Date :</b> 03/26/25 16:12:26  <b>Dilution :</b> N/A <b>Reagent :</b> 121024.04; 110724.07 <b>Consumables :</b> H109203-1; 430596; 103689; GD240003 <b>Pipette :</b> TE-332 SN: 37797 (25uL); TE-349 SN: 42675							

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.	mg	0	0	1	PASS	Not Present in 1g	
ESCHERICHIA COLI (REC)	mg	10	10	100	PASS	<10	
<b>Analyzed by:</b> 87, 547, 545  <b>Weight:</b> .9399g  <b>Extraction date:</b> 03/26/25 13:23:04  <b>Extracted by:</b> 527,87,331  <b>Analysis Method :</b> N/A <b>Analytical Batch :</b> TE008171MIC <b>Instrument Used :</b> TE-234 "bioMerieux GENE-UP" <b>Batch Date :</b> 03/25/25 11:05:39 <b>Analyzed Date :</b> 03/26/25 19:58:28  <b>Dilution :</b> 10 <b>Reagent :</b> 021825.09; 120524.14; 032425.R06 <b>Consumables :</b> 258006; 7161130; 240823-1059-A; 1009015070; 1009468941 <b>Pipette :</b> 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	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	

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**Madison Levy**  
Lab Director  
  
 State License #  
0000024LCMD66604568  
ISO 17025 Accreditation #  
97164

*Madison Levy*  
Signature  
03/27/25



# Certificate of Analysis

**Sample:** TE50324008-002  
**RR Brothers**  
**Telephone:** (123) 456-7890  
**Email:** karinalopez@rrbrothersgroup.com

**Harvest/Lot ID:** 012125  
**Batch #:** AB11111-012125-0303

**Ordered:** 03/24/25  
**Sampled:** 03/24/25  
**Completed:** 03/27/25

**PASSED**




## Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
<b>Analyzed by:</b> 410, 152, 432, 547, 545 <b>Weight:</b> 0.506g <b>Extraction date:</b> 03/25/25 11:40:05 <b>Extracted by:</b> 410 <b>Analysis Method:</b> N/A <b>Analytical Batch:</b> TE008181MYC <b>Instrument Used:</b> TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Pest/Myco 2 <b>Batch Date:</b> 03/25/25 17:32:14 <b>Analyzed Date:</b> 03/27/25 18:58:57							

**Dilution:** 25  
**Reagent:** 032425.R04; 032425.R05; 032425.R07; 030625.R06; 031925.R23; 032125.R10; 030625.R25; 031925.R22; 041823.06  
**Consumables:** 9479291.162; 8000038072; 110424CH01; 220321-306-D; 1009468941; GD240003  
**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 Aflatoxins 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	1.2	PASS	ND	

**Analyzed by:** 398, 547, 545  
**Weight:** 0.2045g  
**Extraction date:** 03/25/25 12:10:56  
**Extracted by:** 445  
**Analysis Method:** N/A  
**Analytical Batch:** TE008177HEA  
**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"  
**Batch Date:** 03/25/25 12:08:58  
**Analyzed Date:** 03/26/25 16:10:43

**Dilution:** 50  
**Reagent:** 102824.04; 031725.R04; 032525.R14; 100424.06; 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).

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0000024LCMD66604568  
ISO 17025 Accreditation #  
97164



Signature  
03/27/25



# Certificate of Analysis

Laboratory Sample ID: TE50123002-001



**Production Method:** Multiple Solvents  
**Harvest/Lot ID:** 012125  
**Batch#:** 012125  
**Manufacturing Date:** 2025-01-21 00:00:00  
**Lot Date :** 2025-01-21 00:00:00  
**Harvest Date:** 11/08/24  
**Sample Size Received:** 22.06 gram  
**Total Amount:** 7 gram  
**Retail Product Size:** 10 gram  
**Retail Serving Size:** 10 gram  
**Servings:** 1  
**Ordered:** 01/21/25  
**Sampled:** 01/23/25  
**Sample Collection Time:** 11:30 AM  
**Completed:** 01/28/25

Jan 28, 2025 | Goldsmith Extracts

License # 0000156ESTDP70697204

1225 west deer valley road  
 Phoenix, AZ, 85027, US

**PASSED**

Pages 1 of 5

**SAFETY RESULTS**



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
 NOT TESTED



Water Activity  
 NOT TESTED



Moisture  
 NOT TESTED



Terpenes  
 NOT TESTED

**MISC.**



**Cannabinoid**

**PASSED**



**Total THC**  
**92.5253%**



**Total CBD**  
**ND**



**Total Cannabinoids**  
**98.7215%**

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	92.5253	ND	ND	ND	3.4198	ND	1.0757	<LOQ	0.6783	ND	1.0224
mg/g	925.253	ND	ND	ND	34.198	ND	10.757	<LOQ	6.783	ND	10.224
LOQ	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 432, 312, 359, 272, 333

Weight: 0.1532g

Extraction date: 01/24/25 17:20:02

Extracted by: 312

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031  
 Analytical Batch : TE007402POT  
 Instrument Used : TE-004 "Duke Leto" (Flower)  
 Analyzed Date : 01/28/25 10:26:05

Batch Date : 01/24/25 14:31:41

Dilution : 800  
 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  
 01/28/25



# Certificate of Analysis

**PASSED**

**Goldsmith Extracts**

1225 west deer valley road  
Phoenix, AZ, 85027, US  
Telephone: (480) 720-3039  
Email: goldsmithextracts@gmail.com  
License #: 0000156ESTDP70697204

Sample : **TE50123002-001**  
Harvest/Lot ID: **012125**  
Lot Date : 01/21/25  
Batch#: 012125  
Sampled : 01/23/25  
Ordered : 01/23/25

Sample Size Received : 22.06 gram  
Total Amount : 7 gram  
Completed : 01/28/25 Expires: 01/28/26  
Sample Method : SOP Client Method

Page 2 of 5



## Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
AVERMECTINS (ABAMECTIN B1A)	0.2500	ppm	0.5	PASS	ND	TOTAL SPINOSAD	0.1000	ppm	0.2	PASS	ND
ACEPHATE	0.2000	ppm	0.4	PASS	ND	SPIROMESIFEN	0.1000	ppm	0.2	PASS	ND
ACETAMIPRID	0.1000	ppm	0.2	PASS	ND	SPIROTETRAMAT	0.1000	ppm	0.2	PASS	ND
ALDICARB	0.2000	ppm	0.4	PASS	ND	SPIROXAMINE	0.2000	ppm	0.4	PASS	ND
AZOXYSTROBIN	0.1000	ppm	0.2	PASS	ND	TEBUCONAZOLE	0.2000	ppm	0.4	PASS	ND
BIFENAZATE	0.1000	ppm	0.2	PASS	ND	THIACLOPRID	0.1000	ppm	0.2	PASS	ND
BIFENTHRIN	0.1000	ppm	0.2	PASS	ND	THIAMETHOXAM	0.1000	ppm	0.2	PASS	ND
BOSCALID	0.2000	ppm	0.4	PASS	ND	TRIFLOXYSTROBIN	0.1000	ppm	0.2	PASS	ND
CARBARYL	0.1000	ppm	0.2	PASS	ND	CHLORFENAPYR *	0.3000	ppm	1	PASS	ND
CARBOFURAN	0.1000	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.5000	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.1000	ppm	0.2	PASS	ND	<b>Analyzed by:</b> 152, 272, 333 <b>Weight:</b> 0.4984g <b>Extraction date:</b> 01/23/25 15:13:33 <b>Extracted by:</b> 410 <b>Analytical Batch:</b> TE007384PES <b>Analysis Method:</b> SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ <b>Instrument Used:</b> TE-262 *MS/MS - Pest/Myco 2*, TE-117 UHPLC - Pest/Myco 2 <b>Batch Date:</b> 01/23/25 13:13:42 <b>Analyzed Date:</b> 01/27/25 15:30:06 <b>Dilution:</b> 25 <b>Reagent:</b> 012125.R52; 012125.R53; 011325.R32; 121024.R09; 012125.R14; 012125.R54; 011525.R13; 012125.R13; 041823.06 <b>Consumables:</b> 9479291.162; 8000038072; 100824CH01; 220321-306-D; 1008645998; GD230008; 426060-JG <b>Pipette:</b> 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).					
CHLORPYRIFOS	0.1000	ppm	0.2	PASS	ND	<b>Analyzed by:</b> 152, 272, 333 <b>Weight:</b> 0.4984g <b>Extraction date:</b> 01/23/25 15:13:33 <b>Extracted by:</b> 410 <b>Analytical Batch:</b> TE007392VOL <b>Instrument Used:</b> TE-117 UHPLC - Pest/Myco 2, TE-262 *MS/MS - Pest/Myco 2 <b>Batch Date:</b> 01/23/25 15:17:44 <b>Analyzed Date:</b> 01/27/25 15:46:48 <b>Dilution:</b> 25 <b>Reagent:</b> 012125.R52; 012125.R53; 011325.R32; 121024.R09; 012125.R14; 012125.R54; 011525.R13; 012125.R13; 041823.06 <b>Consumables:</b> 9479291.162; 8000038072; 100824CH01; 220321-306-D; 1008645998; GD230008; 426060-JG <b>Pipette:</b> 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, Permethrin, 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).					
CYPERMETHRIN	0.5000	ppm	1	PASS	ND						
DIAZINON	0.1000	ppm	0.2	PASS	ND						
DAMINOZIDE	0.5000	ppm	1	PASS	ND						
DICHLORVOS (DDVP)	0.0500	ppm	0.1	PASS	ND						
DIMETHOATE	0.1000	ppm	0.2	PASS	ND						
ETHOPROPHOS	0.1000	ppm	0.2	PASS	ND						
ETOFENPROX	0.2000	ppm	0.4	PASS	ND						
ETOXAZOLE	0.1000	ppm	0.2	PASS	ND						
FENOXICARB	0.1000	ppm	0.2	PASS	ND						
FENPYROXIMATE	0.2000	ppm	0.4	PASS	ND						
FIPRONIL	0.2000	ppm	0.4	PASS	ND						
FLONICAMID	0.5000	ppm	1	PASS	ND						
FLUDIOXONIL	0.2000	ppm	0.4	PASS	ND						
HEXYTHIAZOX	0.5000	ppm	1	PASS	ND						
IMAZALIL	0.1000	ppm	0.2	PASS	ND						
IMIDACLOPRID	0.2000	ppm	0.4	PASS	ND						
KRESOXIM-METHYL	0.2000	ppm	0.4	PASS	ND						
MALATHION	0.1000	ppm	0.2	PASS	ND						
METALAXYL	0.1000	ppm	0.2	PASS	ND						
METHIOCARB	0.1000	ppm	0.2	PASS	ND						
METHOMYL	0.2000	ppm	0.4	PASS	ND						
MYCLOBUTANIL	0.1000	ppm	0.2	PASS	ND						
NALED	0.2500	ppm	0.5	PASS	ND						
OXAMYL	0.5000	ppm	1	PASS	ND						
PACLOBUTRAZOL	0.2000	ppm	0.4	PASS	ND						
TOTAL PERMETHRINS	0.1000	ppm	0.2	PASS	ND						
PHOSMET	0.1000	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	1.0000	ppm	2	PASS	ND						
PRALLETHRIN	0.1000	ppm	0.2	PASS	ND						
PROPICONAZOLE	0.2000	ppm	0.4	PASS	ND						
PROPOXUR	0.1000	ppm	0.2	PASS	ND						
TOTAL PYRETHRINS	0.5000	ppm	1	PASS	ND						
PYRIDABEN	0.1000	ppm	0.2	PASS	ND						

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**Ariel Gonzales**  
Lab Director

State License #  
0000024LCMD66604568  
ISO 17025 Accreditation # 97164



Signature  
01/28/25



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

Kaycha Labs

012125 - Distillate  
 Growers Blend - Hybrid  
 Matrix : Concentrate  
 Type: Distillate



# Certificate of Analysis

**PASSED**

**Goldsmith Extracts**

1225 west deer valley road  
 Phoenix, AZ, 85027, US  
 Telephone: (480) 720-3039  
 Email: goldsmithextracts@gmail.com  
 License #: 0000156ESTDP70697204

Sample : TE50123002-001  
 Harvest/Lot ID: 012125  
 Lot Date : 01/21/25  
 Batch# : 012125  
 Sampled : 01/23/25  
 Ordered : 01/23/25

Sample Size Received : 22.06 gram  
 Total Amount : 7 gram  
 Completed : 01/28/25 Expires: 01/28/26  
 Sample Method : SOP Client Method

Page 3 of 5

## Residual Solvents

PASSED

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
BUTANES	2400.0000	ppm	5000	PASS	ND
METHANOL	1440.0000	ppm	3000	PASS	ND
PENTANES	2400.0000	ppm	5000	PASS	ND
ETHANOL	2400.0000	ppm	5000	PASS	ND
ETHYL ETHER	2400.0000	ppm	5000	PASS	ND
ACETONE	480.0000	ppm	1000	PASS	ND
2-PROPANOL	2400.0000	ppm	5000	PASS	ND
ACETONITRILE	196.8000	ppm	410	PASS	ND
DICHLOROMETHANE	288.0000	ppm	600	PASS	ND
HEXANES	139.2000	ppm	290	PASS	ND
ETHYL ACETATE	2400.0000	ppm	5000	PASS	ND
CHLOROFORM	28.8000	ppm	60	PASS	ND
BENZENE	1.2000	ppm	2	PASS	ND
ISOPROPYL ACETATE	2400.0000	ppm	5000	PASS	ND
HEPTANE	2400.0000	ppm	5000	PASS	ND
TOLUENE	427.2000	ppm	890	PASS	ND
XYLENES	1041.6000	ppm	2170	PASS	ND

Analyzed by: 334, 272, 333	Weight: 0.0222g	Extraction date: 01/23/25 15:09:38	Extracted by: 334
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Analysis Method : SOP.T.40.044.AZ  
 Analytical Batch : TE007359SOL  
 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"  
 Batch Date : 01/22/25 10:26:28  
 Analyzed Date : 01/24/25 12:08:21

Dilution : N/A  
 Reagent : 121024.04; 110724.07  
 Consumables : H109203-1; 430274; 103689; GD230008  
 Pipette : N/A

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.

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**Ariel Gonzales**  
 Lab Director

State License #  
 0000024LCMD66604568  
 ISO 17025 Accreditation # 97164

Signature  
 01/28/25





# Certificate of Analysis

**PASSED**

**Goldsmith Extracts**

1225 west deer valley road  
Phoenix, AZ, 85027, US  
Telephone: (480) 720-3039  
Email: goldsmithextracts@gmail.com  
License #: 0000156ESTDP70697204

Sample : TE50123002-001  
Harvest/Lot ID: 012125  
Lot Date : 01/21/25  
Batch #: 012125  
Sampled : 01/23/25  
Ordered : 01/23/25

Sample Size Received : 22.06 gram  
Total Amount : 7 gram  
Completed : 01/28/25 Expires: 01/28/26  
Sample Method : SOP Client Method

Page 4 of 5

	<b>Microbial</b>	<b>PASSED</b>		<b>Mycotoxins</b>	<b>PASSED</b>
-----------------------------------------------------------------------------------	------------------	---------------	-----------------------------------------------------------------------------------	-------------------	---------------

Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP	0.0000		Not Present in 1g	PASS		TOTAL AFLATOXINS	4.8510	ppb	ND	PASS	20
ASPERGILLUS FLAVUS	0.0000		Not Present in 1g	PASS		AFLATOXIN B1	4.8510	ppb	ND	PASS	20
ASPERGILLUS FUMIGATUS	0.0000		Not Present in 1g	PASS		AFLATOXIN B2	5.9400	ppb	ND	PASS	20
ASPERGILLUS NIGER	0.0000		Not Present in 1g	PASS		AFLATOXIN G1	6.2700	ppb	ND	PASS	20
ASPERGILLUS TERREUS	0.0000		Not Present in 1g	PASS		AFLATOXIN G2	10.7250	ppb	ND	PASS	20
ESCHERICHIA COLI REC	10.0000	CFU/g	<10	PASS	100	OCHRATOXIN A	12.0000	ppb	ND	PASS	20

<p>Analyzed by: 331, 272, 333 Weight: 1.0097g Extraction date: 01/25/25 11:24:32 Extracted by: 331</p> <p>Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ Analytical Batch : TE007388MIC Instrument Used : TE-234 "bioMerieux GENE-UP" Batch Date : 01/23/25 13:37:00 Analyzed Date : 01/27/25 16:19:38</p> <p>Dilution : 10 Reagent : N/A Consumables : N/A Pipette : N/A</p>	<p>Analyzed by: 152, 272, 333 Weight: 0.4984g Extraction date: 01/23/25 15:13:33 Extracted by: 410</p> <p>Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch : TE007393MYC Instrument Used : TE-262 "MS/MS - Pest/Myco 2, TE-117 UHPLC - Batch Date : 01/23/25 15:18:45 Pest/Myco 2 Analyzed Date : 01/27/25 15:51:43</p> <p>Dilution : 25 Reagent : 012125.R52; 012125.R53; 011325.R32; 121024.R09; 012125.R14; 012125.R54; 011525.R13; 012125.R13; 041823.06 Consumables : 9479291.162; 8000038072; 100824CH01; 220321-306-D; 1008645998; GD230008; 426060-JG Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)</p> <p>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 &lt;20µg/kg. Ochratoxin must be &lt;20µg/kg.</p>
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	<b>Heavy Metals</b>	<b>PASSED</b>
-------------------------------------------------------------------------------------	---------------------	---------------

Metal	LOQ	Units	Result	Pass / Fail	Action Level
ARSENIC	0.2000	ppm	ND	PASS	0.4
CADMIUM	0.2000	ppm	ND	PASS	0.4
LEAD	0.5000	ppm	ND	PASS	1
MERCURY	0.1000	ppm	ND	PASS	0.2

<p>Analyzed by: 398, 272, 333 Weight: 0.1994g Extraction date: 01/23/25 16:22:36 Extracted by: 445,398</p> <p>Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ Analytical Batch : TE007394HEA Instrument Used : TE-307 "Ted" Batch Date : 01/23/25 16:19:23 Analyzed Date : 01/27/25 15:17:10</p> <p>Dilution : 50 Reagent : 012325.R16; 012125.R02; 011025.02; 090922.04; 102824.03; 100424.02 Consumables : H109203-1; 269336; GD230008; 052024CH01; 210705-306-D Pipette : TE-063 SN:20C50490 (20-200uL); TE-110 SN:20B18338 (100-1000uL); TE-169 SN: 20B16352 (Nitric Acid)</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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).





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 (480) 220-4470

**Kaycha Labs**

012125 - Distillate  
 Growers Blend - Hybrid  
 Matrix : Concentrate  
 Type: Distillate



# Certificate of Analysis

**PASSED**

**Goldsmith Extracts**

1225 west deer valley road  
 Phoenix, AZ, 85027, US  
**Telephone:** (480) 720-3039  
**Email:** goldsmithextracts@gmail.com  
**License # :** 0000156ESTDP70697204

**Sample :** TE50123002-001  
**Harvest/Lot ID:** 012125  
**Lot Date :** 01/21/25  
**Batch# :** 012125  
**Sampled :** 01/23/25  
**Ordered :** 01/23/25

**Sample Size Received :** 22.06 gram  
**Total Amount :** 7 gram  
**Completed :** 01/28/25 **Expires:** 01/28/26  
**Sample Method :** SOP Client Method

Page 5 of 5

## COMMENTS

\* Confident Cannabis sample ID: 2501KLAZ0093.0424



\* Pesticide TE50123002-001PES

1 - M2: Total Permethrins.

\* Cannabinoid TE50123002-001POT

1 - M1 : CBDA

\* Residual TE50123002-001SOL

1 - V1- Pentanes, Ethyl Ether, Acetonitrile, Dichloromethane, Ethyl Acetate, Benzene, Isopropyl Acetate, Heptane, Toluene, Xylenes. M1- Acetonitrile, n-Hexane.

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**Ariel Gonzales**

Lab Director

State License #  
 0000024LCMD66604568  
 ISO 17025 Accreditation # 97164

Signature  
 01/28/25