



Certificate of Analysis

Pages 1 of 5

PASSED



Harvest/Lot ID: SPD61225-2
Batch #: AB1111-SPD61225-2-0801
Harvest Date: 01/04/25
Manufacturing Date: 08/08/25
Production Method: Butane
Total Amount: 1 units
Retail Product Size: 52.76 gram
Retail Serving Size: 5.276
Servings: 10

Lab ID: TE50811002-001
Ordered: 08/08/25
Sampled Date: 08/11/25
Sample Collection Time: 10:30 AM
Sample Size: 71.14 gram
Completed: 08/14/25

RR Brothers

5210 S Priest Dr
Phoenix, AZ, 85283, US
License # : 0000161ESTOJ23023764

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
0.20000%

Total THC/Container : 105.5 mg



Total CBD
0.18788%

Total CBD/Container : 99.12 mg



Total Cannabinoids Q3
0.78700%

Total Cannabinoids/Container : 415.2 mg

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	0.20000	ND	0.18700	0.0010000	0.21100	ND	0.18800	ND	ND	ND	ND
mg/unit	105.52	ND	98.661	0.52760	111.32	ND	99.189	ND	ND	ND	ND
LOD	0.0001	0.0001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001
LOQ	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Qualifier

Analyzed by:
333, 540, 547, 603

Weight:
3.0172g

Extraction date:
08/12/25 13:59:24

Extracted by:
333

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031

Analytical Batch : TE010124POT

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

Batch Date : 08/11/25 17:22:31

Analyzed Date : 08/13/25 12:46:48

Dilution : 40

Reagent : 072425.R08; 080625.R09; 010825.R24; 080725.R17

Consumables : 0000179471; 947.162; 8000038072; 20240202; 121324CH01; 1009015070; 1; 1008741093; 04402004; GD240003

Pipette : TE-059 SN:20A04528 (20-200uL); TE-064 SN:20B27672 (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.

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Madison Levy
Lab Director

State License #
0000024LCMD66604568
ISO 17025 Accreditation #
97164

Signature
08/14/25



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Pages 2 of 5

RR Brothers

5210 S Priest Dr
Phoenix, AZ, 85283, US
License #: 0000161ESTOJ23023764

Sample: TE50811002-001

Batch #: AB1111-SPD61225-2-0801
Harvest/Lot ID: SPD61225-2

Ordered: 08/08/25
Sampled: 08/11/25
Completed: 08/14/25

PASSED



Label Claim Verification

PASSED

ANALYTES		UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by:	Weight:	Extraction date:		Extracted by:				
Analysis Method : N/A								
Analytical Batch : N/A								
Instrument Used : N/A								
Analyzed Date : 08/13/25 13:50:32								
Batch Date : N/A								



Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
AVERMECTINS (ABAMECTIN B1A)	ppm	0.017	0.25	0.5	PASS	ND	R1
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	
DAMINOZIDE	ppm	0.01	0.5	1	PASS	ND	
DIAZINON	ppm	0.006	0.1	0.2	PASS	ND	
DICHLORVOS (DDVP)	ppm	0.001	0.05	0.1	PASS	ND	R1
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	
ETHAZOLE	ppm	0.004	0.1	0.2	PASS	ND	
FENOXICARB	ppm	0.005	0.1	0.2	PASS	ND	
FENPYROXIMATE	ppm	0.004	0.2	0.4	PASS	ND	R1
FIPRONIL	ppm	0.006	0.2	0.4	PASS	ND	
FLONICAMID	ppm	0.004	0.5	1	PASS	ND	
FLUDOXONIL	ppm	0.006	0.2	0.4	PASS	ND	
HEPTATHIAZOX	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	

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Madison Levy
Lab Director

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RR Brothers

5210 S Priest Dr
Phoenix, AZ, 85283, US
License #: 0000161ESTOJ23023764

Sample: TE50811002-001

Batch #: AB1111-SPD61225-2-0801
Harvest/Lot ID: SPD61225-2

Ordered: 08/08/25
Sampled: 08/11/25
Completed: 08/14/25

PASSED



Pesticide

PASSED

ANALYTES

	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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	0.5	1	PASS	ND	
CY. LUTHRIN	ppm	0.015	0.5	1	PASS	ND	L1, v1

Analyzed by:
410, 432, 152, 603

Weight:
1.044g

Extraction date:
08/12/25 13:09:48

Ext acted by:
410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ

Analytical Batch : TE010125PES

Instrument Used : TE-262 "MS/MS - Pest/Myco 2", TE-117 UHPLC - Pest/Myco 2

Analyzed Date : 08/13/25 14:09:18

Batch Date : 08/11/25 17:22:37

Dilution : 50

Reagent : 051325.R09; 070125.R35; 060425.R20; 080725.R09; 080125.R19; 080625.R35; 073025.R17; 080125.R10

Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003

Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)

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, 432, 152, 603

Weight:
1.044g

Extraction date:
08/12/25 13:09:48

Extracted by:
410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ

Analytical Batch : TE010142VOL

Instrument Used : TE-117 UHPLC - Pest/Myco 2, TE-262 "MS/MS - Pest/Myco 2"

Analyzed Date : 08/13/25 14:23:10

Batch Date : 08/12/25 15:33:32

Dilution : 50

Reagent : 051325.R09; 070125.R35; 060425.R20; 080725.R09; 080125.R19; 080625.R35; 073025.R17; 080125.R10

Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003

Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)

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)



Residual Solvents

PASSED

ANALYTES

	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
BUTANES	ppm	168.2	2400	5000	PASS	ND	
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	V1 L1

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Madison Levy
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RR Brothers

5210 S Priest Dr
Phoenix, AZ, 85283, US
License #: 0000161ESTOJ23023764

Sample: TE50811002-001

Batch #: AB1111-SPD61225-2-0801
Harvest/Lot ID: SPD61225-2

Ordered: 08/08/25
Sampled: 08/11/25
Completed: 08/14/25

PASSED



Residual Solvents

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
HEPTANE	ppm	152.8	2400	5000	PASS	ND	
ISOPROPYL ACETATE	ppm	168.6	2400	5000	PASS	ND	
TOLUENE	ppm	26.2	427.2	890	PASS	ND	
XYLENES	ppm	53.2	1041.6	2170	PASS	ND	

Analyzed by: 334, 547, 603 Weight: 0.0228g Extraction date: 08/12/25 14:03:41 Extracted by: 334

Analysis Method: SOP.T.40.044.AZ
Analytical Batch: TE010136SOL
Instrument Used: TE-095 "MS - Solvents 1"
Analyzed Date: N/A

Batch Date: 08/12/25 12:47:57

Dilution: N/A
Reagent: N/A
Consumables: N/A
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.



Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
SALMONELLA SPP.		1	1	1	PASS	Not Detected in 1g	
ESCHERICHIA COLI (REC)	CFU/g	10	10	100	PASS	ND	

Analyzed by: 331, 409, 547, 603 Weight: 0.9913g Extraction date: 08/12/25 13:30:12 Extracted by: 527,331

Analysis Method: SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ
Analytical Batch: TE010123MIC
Instrument Used: TE-234 "bioMérieux GENE-UP"
Analyzed Date: 08/13/25 16:13:58

Batch Date: 08/11/25 17:17:36

Dilution: 10
Reagent: 053025.26; 031725.17; 080825.R16; 062725.05; 060925.12
Consumables: 344XPM; 1008855960; 1009817562; 042425CH01; 1009015070; 1010008458
Pipette: TE-075 SN:RU31709; TE-053 SN:20E78952; TE-057 SN:21D58688; TE-058 SN:20C35427; TE-066 SN:20D56970; TE-069 SN:21B23920; TE-182 SN: 33109 (10uL); 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.40.058.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.



Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS	ppb	3.03	10	20	PASS	ND	
AFLATOXIN B1	ppb	3.03	10	20	PASS	ND	
AFLATOXIN B2	ppb	3.03	10	20	PASS	ND	
AFLATOXIN G1	ppb	3.03	10	20	PASS	ND	
AFLATOXIN G2	ppb	3.03	10	20	PASS	ND	
OCHRATOXIN A	ppb	3.03	10	20	PASS	ND	

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Harvest/Lot ID: SPD61225-2

Ordered: 08/08/25
Sampled: 08/11/25
Completed: 08/14/25

PASSED



Mycotoxins

PASSED

ANALYTES		UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER	
Analyzed by: 410, 432, 152, 603		Weight: 1.044g	Extraction date: 08/12/25 13:09:48					Extracted by: 410	
Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ									
Analytical Batch : TE010143MYC									
Instrument Used : TE-262 "MS/MS - Pest/Myco 2, TE-117 UHPLC - Pest/Myco 2						Batch Date : 08/12/25 15:34:11			
Analyzed Date : 08/13/25 14:42:42									
Dilution : 50									
Reagent : 051325.R09; 070125.R35; 060425.R20; 080725.R09; 080125.R19; 080625.R35; 073025.R17; 080125.R10									
Consumables : 9479291.246; 8000038072; 042425CH01; 220321-306-D; 1010008458; GD240003									
Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)									
Aflatoxins B1, B2, G1, G2, and Ochtratoxin 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. Ochtratoxin must be <20µg/kg.									



Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	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	1.2	PASS	ND	
Analyzed by: 398, 547, 603	Weight: 0.2028g	Extraction date: 08/12/25 12:23:44			Extracted by: 445,398		
Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ							
Analytical Batch : TE010134HEA							
Instrument Used : TE-141 "Wolfgang",TE-260 "Ludwig",TE-307 "Ted"				Batch Date : 08/12/25 12:23:11			
Analyzed Date : 08/13/25 13:53:42							
Dilution : 50							
Reagent : 122624.27; 080525.R24; 081125.R08; 081125.R09; 010325.08; 080125.01; 090922.04							
Consumables : 042425CH01; 220321-306-D; 1008741093; 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).							

CONFIDENT CANNABIS QR

* Confident Cannabis sample ID: 2508KLAZ0950.4014

