



3520 N 7th St.
Phoenix, AZ 85014
(480) 788-6644
www.desertvalleytesting.com

Certificate of Analysis

ISO/IEC 17025:2017 Certificate #: AT-2837

License #: 0000031LRCHX78341676

The Flower Shop (San Manuel)

License #: 000000041ESLU31226658
10827 S 51st St
Ahwatukee, AZ 85044
(480) 570-4808

Additional Licenses:
Batch #: JACK112023; External Lot #:
Source Batch #:
Sample Batch Collection: 12/08/23 16:06
Sample Received: 12/8/2023; Report Created: 12/18/2023

JACK112023

Jack Herer

Laboratory Number: 2312025-02

Matrix: Flower

Metals PASS	Pesticides PASS	Residual Solvents Not Tested	E. coli PASS	Mycotoxins Not Tested	Aspergillus PASS	Salmonella PASS
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Sample Image



Residual Solvents (GC-MS) Analyzed: By:

SOP: 004	RL	ppm	Q
Propane	NT	NT	
Butanes	NT	NT	
Pentanes	NT	NT	
Acetonitrile	NT	NT	
Dichloromethane	NT	NT	
Hexanes	NT	NT	
Chloroform	NT	NT	
n-Heptane	NT	NT	
Methanol	NT	NT	
Ethanol	NT	NT	
Diethyl Ether	NT	NT	
Acetone	NT	NT	
Isopropanol	NT	NT	
Ethyl acetate	NT	NT	
Isopropyl acetate	NT	NT	
Benzene	NT	NT	
Toluene	NT	NT	
Xylenes	NT	NT	

Cannabinoid (HPLC-DAD) Analyzed: 12/14/23 By: MLC

SOP: 003	LOQ %	%	mg/g	Q
THC-A	0.47	29.79	297.9	D1
delta 9-THC	0.05	0.33	3.3	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.76	7.6	
CBD-A	0.05	0.07	0.7	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.20	2	
CBC	0.05	ND	ND	
delta 8 THC-V	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 12/13/23 By: VAM

SOP: 035	RL	ppm	Q
Arsenic	0.101	ND	V1
Cadmium	0.101	ND	V1
Lead	0.253	ND	V1
Mercury	0.010	ND	V1

Microbials (Petrifilm) Analyzed: 12/14/2023 By: TAM

SOP : 023	RL	Result	Units	Q
E. coli	10	<10	cfu/g	

Microbials (PCR) Analyzed: 12/14/2023 By: TAM

SOP: 024	RL	Result	Units	Q
Aspergillus flavus	1.00	Not Detected	per gram	
Aspergillus fumigatus	1.00	Not Detected	per gram	
Aspergillus terreus	1.00	Not Detected	per gram	
Aspergillus niger	1.00	Not Detected	per gram	

Microbials (PCR) Analyzed: 12/13/2023 By: TAM

SOP: 028	RL	Result	Units	Q
Salmonella	1.00	Not Detected	per gram	

26.46 % 264.56 mg/g Total THC	0.06 % 0.62 mg/g Total CBD	31.15 % 311.50 mg/g Total Cannabinoids ^{Q3}
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Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDA * 0.877 + CBD

Mycotoxins (LC-MS/MS) Analyzed: By:

SOP: 011	RL	ppb	Q
Aflatoxins	NT	NT	
Ochratoxins	NT	NT	

RL = Reporting Limit
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Erin Polly
Technical Laboratory Director



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Pesticides (LC-MS/MS) Analyzed: 12/13/23 By: VAM							
SOP: 011	RL	ppm	Q		RL	ppm	Q
Acephate	0.212	ND		Acequinocyl	NT	NT	
Acetamiprid	0.106	ND		Aldicarb	0.212	ND	
Azoxystrobin	0.106	ND		Bifenthrin	0.106	ND	V1
Boscalid	0.212	ND		Carbaryl	0.106	ND	
Carbofuran	0.106	ND		Chlorpyrifos	0.106	ND	
Diazinon	0.106	ND	M2	Dimethoate	0.106	ND	
Ethoprophos	0.106	ND		Etofenprox	0.212	ND	
Etoxazole	0.106	ND		Fenoxycarb	0.106	ND	
Fenpyroximate E	0.212	ND	V1	Fonicamid	0.529	ND	
Fludioxonil	0.212	ND		Hexythiazox	0.529	ND	V1
Imazalil	0.106	ND		Imidacloprid	0.212	ND	
Kresoxim-methyl	0.212	ND		Malathion	0.106	ND	
Metalaxyl	0.106	ND		Methiocarb	0.106	ND	
Methomyl	0.212	ND		Myclobutanil	0.106	ND	
Naled	0.265	ND		Oxamyl	0.529	ND	
Piperonyl butoxide	1.06	ND		Propiconazole	0.212	ND	
Propoxure	0.106	ND		Spiromesifen	0.106	ND	
Spirotetramat	0.106	ND	V1	Spiroxamine	0.212	ND	
Tebuconazole	0.212	ND	M2	Thiacloprid	0.106	ND	
Thiamethoxam	0.106	ND		Trifloxystrobin	0.106	ND	
Abamectin	0.265	ND	V1	Bifenazate	0.106	ND	L1, M1, V1
Chlorantraniliprole	0.106	ND		Clofentezine	0.106	ND	M2
Cyfluthrin	1.06	ND	V1	Cypermethrin	0.529	ND	V1
Daminozide	0.529	ND	L1, M1	DDVP (Dichlorvos)	0.053	ND	M2
Fipronil	0.212	ND	V1	Paclobutrazol	0.212	ND	M2
Permethrins	0.106	ND	M2, V1	Phosmet	0.106	ND	
Prallethrin	0.106	ND	M2, V1	Pyrethrins	0.529	ND	V1
Pyridaben	0.106	ND	M2	Spinosad	0.106	ND	
Chlorfenapyr	1.06	ND					

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Microbials (Petrifilm) Analyzed: By:				
SOP: 006	RL	Result	Units	Q
Total Coliform	NT	NT	cfu/g	Q3
Yeast	NT	NT	cfu/g	Q3
Mold	NT	NT	cfu/g	Q3
Aerobic Bacteria	NT	NT	cfu/g	Q3

Terpenes (GC-MS) Analyzed: 12/12/23 By: ZEN			
SOP: 005	%	mg/g	Q
alpha-Bisabolol	0.04	0.4	Q3
(-)-Borneol and (+)-Borneol	ND	ND	Q3
Camphene	ND	ND	Q3
Camphor	ND	ND	Q3
beta-Caryophyllene	ND	ND	Q3
trans-Caryophyllene	0.34	3.4	Q3
Caryophyllene Oxide	ND	ND	Q3
alpha-Cedrene	ND	ND	Q3
Cedrol	ND	ND	Q3
Endo-fenchyl Alcohol	0.07	0.7	Q3
Eucalyptol	ND	ND	Q3
Fenchone	ND	ND	Q3
Geraniol	ND	ND	Q3
Geranyl acetate	ND	ND	Q3
Guaial	ND	ND	Q3
Hexahydrothymol	ND	ND	Q3
alpha-Humulene	0.15	1.5	Q3
Isoborneol	ND	ND	Q3
Isopulegol	ND	ND	Q3
Limonene	0.52	5.2	Q3
Linalool	0.28	2.8	Q3
p-Mentha-1,5-diene	ND	ND	Q3
beta-Myrcene	0.26	2.6	Q3
trans-Nerolidol	ND	ND	Q3
Ocimene	ND	ND	Q3
alpha-Pinene	0.05	0.5	Q3
beta-Pinene	0.09	0.9	Q3
Pulegone	ND	ND	Q3
Sabinene	ND	ND	Q3
Sabinene Hydrate	ND	ND	Q3
gamma-Terpinene	ND	ND	Q3
alpha-Terpinene	ND	ND	Q3
3-Carene	ND	ND	Q3
Terpineol	0.10	1	Q3
Terpinolene	ND	ND	Q3
Valencene	ND	ND	Q3
Nerol	ND	ND	Q3
cis-Nerolidol	ND	ND	Q3
Total Terpenes	1.89	18.90	Q3

Water Activity (Water Activity Meter) Analyzed: By:			
SOP: 007	AW, 25 °C		Q
Water Activity		NT	Q3

Moisture (Moisture Analyzer) Analyzed: By:			
SOP: 008	%		Q
Percent Moisture		NT	Q3

pH Test (pH Meter) Analyzed: By:			
SOP: 022	NA		Q
pH		NT	Q3

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QUALIFIER DEFINITIONS

- Q3 Testing results is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R 9-17-317.01(A) or labeling requirements in R9-17-317.
- D1 The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- L1 The percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.
- M1 Matrix spike recovery is high, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- M2 Matrix spike recovery is low, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- V1 Continuing Calibration Verification (CCV) recovery exceeds acceptable limits; but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.

CASE NARRATIVE

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