



51 W. Weldon Ave
Phoenix, AZ
(480) 788-6644
www.desertvalleytesting.com

Certificate of Analysis

ISO/IEC 17025:2017 Certificate #: AT-2837
License #: 00000003LCIN00627986

Niko Russo

License #: 00000078ESQG10647381
51 W. Weldon
Phoenix, AZ 85050
(602) 269-0347

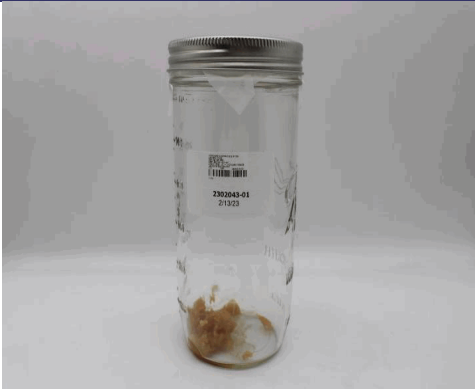
Additional Licenses:
Batch #: 80209-001GF; External Lot #:
Source Batch #:
Sample Batch Collection: 02/13/23 15:01
Sample Received: 2/13/2023; Report Created: 2/20/2023

Grape Fritter
Grape Fritter

Laboratory Number: 2302043-01
Matrix: Concentrates

Metals PASS	Pesticides PASS	Residual Solvents PASS	E. coli PASS	Mycotoxins PASS	Aspergillus PASS	Salmonella PASS
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Sample Image



Residual Solvents (GC-MS) Analyzed: 02/16/23 By: KSG

SOP: 004	RL	ppm	Q
Propane	637.10	ND	V1
Butanes	637.10	ND	
Pentanes	147.81	ND	
Acetonitrile	208.97	ND	
Dichloromethane	305.81	ND	
Hexanes	147.81	ND	
Chloroform	30.58	ND	
n-Heptane	2548.4	ND	
Methanol	1529.1	ND	
Ethanol	2548.4	ND	
Diethyl Ether	2548.4	ND	
Acetone	509.68	ND	
Isopropanol	2548.4	ND	
Ethyl acetate	2548.4	ND	
Isopropyl acetate	2548.4	ND	
Benzene	1.02	ND	L1, M1, V1
Toluene	453.62	ND	
Xylenes	101.94	ND	

Cannabinoid (HPLC-DAD) Analyzed: 02/16/23 By: MLC

SOP: 003	LOQ %	%	mg/g	Q
THC-A	1.42	81.48	814.8	D1
delta 9-THC	0.05	2.44	24	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	1.73	17	
CBD-A	0.05	0.21	2.1	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.25	2.5	
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 02/20/23 By: ZEN

SOP: 035	RL	ppm	Q
Arsenic	0.099	ND	L1
Cadmium	0.099	ND	L1
Lead	0.248	ND	L1
Mercury	0.099	ND	L1, V1

Microbials (Petrifilm) Analyzed: 2/15/2023 By: ATF

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

Microbials (PCR) Analyzed: 2/17/2023 By: ATF

SOP: 015	RL	Result	Units	Q
Aspergillus	1.00	Not Detected	per gram	

Microbials (PCR) Analyzed: 2/16/2023 By: ATF

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

73.90 % 738.58 mg/g Total THC	0.18 % 1.84 mg/g Total CBD	86.11 % 860.40 mg/g Total Cannabinoids
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Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDa * 0.877 + CBD

Mycotoxins (LC-MS/MS) Analyzed: 02/16/23 By: SPS

SOP: 011	RL	ppb	Q
Aflatoxins	10.1	ND	
Ochratoxins	10.1	ND	

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Erin Polly
Technical Laboratory Director



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Pesticides (LC-MS/MS) Analyzed: 02/16/23 By: SPS							
SOP: 011	RL	ppm	Q		RL	ppm	Q
Acephate	0.203	ND		Acequinocyl	1.01	ND	
Acetamiprid	0.101	ND		Aldicarb	0.203	ND	
Azoxystrobin	0.101	ND		Bifenthrin	0.101	ND	
Boscalid	0.203	ND		Carbaryl	0.101	ND	
Carbofuran	0.101	ND		Chlorpyrifos	0.101	ND	
Diazinon	0.101	ND		Dimethoate	0.101	ND	
Ethoprophos	0.101	ND		Etofenprox	0.203	ND	
Etoxazole	0.101	ND		Fenoxycarb	0.101	ND	
Fenpyroximate E	0.203	ND		Fonicamid	0.507	ND	
Fludioxonil	0.203	ND		Hexythiazox	0.507	ND	
Imazalil	0.101	ND		Imidacloprid	0.203	ND	
Kresoxim-methyl	0.203	ND		Malathion	0.101	ND	
Metalaxyl	0.101	ND		Methiocarb	0.101	ND	
Methomyl	0.203	ND		Myclobutanil	0.101	ND	
Naled	0.253	ND		Oxamyl	0.507	ND	
Piperonyl butoxide	1.01	ND		Propiconazole	0.203	ND	M1
Propoxure	0.101	ND		Spiromesifen	0.101	ND	
Spirotetramat	0.101	ND		Spiroxamine	0.203	ND	
Tebuconazole	0.203	ND		Thiacloprid	0.101	ND	
Thiamethoxam	0.101	ND		Trifloxystrobin	0.101	ND	
Abamectin	0.253	ND		Bifenazate	0.101	ND	
Chlorantraniliprole	0.101	ND		Clofentezine	0.101	ND	
Cyfluthrin	1.01	ND		Cypermethrin	0.507	ND	
Daminozide	0.507	ND		DDVP (Dichlorvos)	0.051	ND	
Fipronil	0.203	ND		Paclobutrazol	0.203	ND	
Permethrins	0.101	ND	M2	Phosmet	0.101	ND	
Prallethrin	0.101	ND		Pyrethrins	0.507	ND	
Pyridaben	0.101	ND		Spinosad	0.101	ND	
Chlorfenapyr	1.01	ND					

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

Terpenes (GC-MS) Analyzed: 02/16/23 By: ZEN			
SOP: 005	mg/g	%	Q
alpha-Bisabolol	1.9	0.19	
(-)-Borneol and (+)-Borneol	ND	ND	
Camphene	ND	ND	
Camphor	ND	ND	
beta-Caryophyllene	ND	ND	
trans-Caryophyllene	5.8	0.58	
Caryophyllene Oxide	ND	ND	
alpha-Cedrene	ND	ND	
Cedrol	ND	ND	
Endo-fenchyl Alcohol	ND	ND	
Eucalyptol	ND	ND	
Fenchone	ND	ND	
Geraniol	ND	ND	
Geranyl acetate	ND	ND	
Guaial	ND	ND	
Hexahydrothymol	ND	ND	
alpha-Humulene	4.2	0.42	
Isoborneol	ND	ND	
Isopulegol	ND	ND	
Limonene	4.0	0.40	
Linalool	5.2	0.52	
p-Mentha-1,5-diene	ND	ND	
beta-Myrcene	55	5.54	
trans-Nerolidol	ND	ND	
Ocimene	1.9	0.19	
alpha-Pinene	ND	ND	
beta-Pinene	ND	ND	
Pulegone	ND	ND	
Sabinene	ND	ND	
Sabinene Hydrate	ND	ND	
gamma-Terpinene	ND	ND	
alpha-Terpinene	ND	ND	
3-Carene	ND	ND	
Terpineol	ND	ND	
Terpinolene	ND	ND	
Valencene	ND	ND	
Nerol	ND	ND	
cis-Nerolidol	ND	ND	
Total Terpenes	78.40	7.84	

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

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

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

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QUALIFIER DEFINITIONS

- 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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