

Nature's Medicines

License#: 00000088DCXB00897085

2439 W. McDowell Rd

Phoenix, AZ 85009

(314) 853-0055

Additional Licenses:

Batch #: L120418221252; External Lot #: L120418221252

Sample Batch Collection: 06/08/22 14:34; Sample Batch Collected By: Nature's Medicines A

Sample Received: 6/8/2022; Report Created: 6/15/2022

Badder

Laboratory Number: 2206041-01
Concentrates

Herbicides Not Tested	Pesticides PASS	Residual Solvents PASS	Metals PASS	Mycotoxins PASS	Aspergillus PASS	E. Coli/ Salmonella PASS
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Sample Image



Residual Solvents (GCMS-MS) Analyzed: 06/13/22 By: KSG

Analyte	RL	ppm	Q
Propane	625.00	ND	
Butanes	625.00	ND	
Pentanes	145.00	ND	
Acetonitrile	205.00	ND	
Dichloromethane	300.00	ND	
Hexanes	145.00	ND	
Chloroform	30.00	ND	
n-Heptane	2500.0	ND	
Methanol	1500.0	ND	
Ethanol	2500.0	ND	
Diethyl Ether	2500.0	ND	
Acetone	500.00	ND	
Isopropanol	2500.0	ND	
Ethyl acetate	2500.0	ND	
Isopropyl acetate	2500.0	ND	
Benzene	1.00	ND	
Toluene	445.00	ND	
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 06/11/22 By: JEK

Analyte	LOQ %	%	mg/g	Q
THC-A	2.10	73.77	737.7	D1
delta 9-THC	0.11	6.84	68.4	
delta 8-THC	0.11	ND	ND	
THC-V	0.11	ND	ND	
CBG-A	0.11	1.14	11.4	
CBD-A	0.11	0.25	2.50	
CBD	0.11	ND	ND	
CBD-V	0.11	ND	ND	
CBN	0.11	ND	ND	
CBG	0.11	0.24	2.40	
CBC	0.11	ND	ND	

Metals (ICP-MS) Analyzed: 06/13/22 By: ZEN

Element	RL	ppm	Q
Arsenic	0.102	ND	
Cadmium	0.102	ND	
Lead	0.256	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 6/14/2022 By: ATF

Pathogens	RL	Result	Units	Q
E. coli	10	<10	cfu/g	

Regulated Microbials (PCR) Analyzed: 6/13/2022 By: TCJ

Pathogens	RL	Result	Units	Q
Salmonella	1.00	Absent	per gram	

Regulated Microbials (PCR) Analyzed: 6/14/2022 By: TCJ

Pathogens	RL	Result	Units	Q
Aspergillus	1.00	Absent	per gram	

71.54 % 715.36 mg/g Total THC	0.22 % 2.19 mg/g Total CBD	82.24 % 822.40 mg/g Total Cannabinoids
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Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDA * 0.877 + CBD

Regulated Mycotoxins (LC-MS TQ) Analyzed: 06/13/22 By: EGP

Pathogens	RL	ppb	Q
Aflatoxins	1.09	ND	V1
Ochratoxins	2.17	ND	V1

RL = Reporting Limit
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Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 06/11/22 By: MLC							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.217	ND		Acequinocyl	1.09	ND	
Acetamiprid	0.109	ND		Aldicarb	0.217	ND	
Azoxystrobin	0.109	ND		Bifenthrin	0.109	ND	
Boscalid	0.217	ND		Carbaryl	0.109	ND	
Carbofuran	0.109	ND		Chlorpyrifos	0.109	ND	
Diazinon	0.109	ND		Dimethoate	0.109	ND	
Ethoprophos	0.109	ND		Etofenprox	0.217	ND	
Etoxazole	0.109	ND		Fenoxycarb	0.109	ND	
Fenpyroximate E	0.217	ND	M2	Flonicamid	0.543	ND	
Fludioxonil	0.217	ND		Hexythiazox	0.543	ND	
Imazalil	0.109	ND		Imidacloprid	0.217	ND	
Kresoxim-methyl	0.217	ND		Malathion	0.109	ND	
Metalaxyl	0.109	ND		Methiocarb	0.109	ND	
Methomyl	0.217	ND		Myclobutanil	0.109	ND	
Naled	0.272	ND		Oxamyl	0.543	ND	
Piperonyl butoxide	1.09	ND		Propiconazole	0.217	ND	M2, V1
Propoxure	0.109	ND		Spiromesifen	0.109	ND	M2
Spirotetramat	0.109	ND		Spiroxamine	0.217	ND	
Tebuconazole	0.217	ND		Thiacloprid	0.109	ND	
Thiamethoxam	0.109	ND		Trifloxystrobin	0.109	ND	
Abamectin	0.272	ND	M2, V1	Bifenazate	0.109	ND	
Chlorantraniliprole	0.109	ND		Clofentezine	0.109	ND	M2
Cyfluthrin	1.09	ND	V1	Cypermethrin	0.543	ND	
Daminozide	0.543	ND		DDVP (Dichlorvos)	0.054	ND	
Fipronil	0.217	ND		Paclobutrazol	0.217	ND	
Permethrins	0.109	ND	M2, V1	Phosmet	0.109	ND	
Prallethrin	0.109	ND	V1	Pyrethrins	0.543	ND	L1, M2, V1
Pyridaben	0.109	ND	M2	Spinosad	0.109	ND	
Chlorfenapyr	1.09	ND					

Herbicides (LC-MS TQ) Analyzed: By:			
Analyte	RL	ppm	Q
Pendimethalin	NT	NT	

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
Total Coliform	NT	NT	cfu/g	
Yeast	NT	NT	cfu/g	
Mold	NT	NT	cfu/g	
Aerobic Bacteria	NT	NT	cfu/g	
Enterobacteria	NT	NT	cfu/g	

Terpenes (GCMS-MS) Analyzed: By:

Compound	mg/g	%	Q
alpha-Bisabolol	NT	NT	
(-)-Borneol and (+)-Borneol	NT	NT	
Camphene	NT	NT	
Camphor	NT	NT	
beta-Caryophyllene	NT	NT	
trans-Caryophyllene	NT	NT	
Caryophyllene Oxide	NT	NT	
alpha-Cedrene	NT	NT	
Cedrol	NT	NT	
Endo-fenchyl Alcohol	NT	NT	
Eucalyptol	NT	NT	
Fenchone	NT	NT	
Geraniol	NT	NT	
Geranyl acetate	NT	NT	
Guaiol	NT	NT	
Hexahydrothymol	NT	NT	
alpha-Humulene	NT	NT	
Isoborneol	NT	NT	
Isopulegol	NT	NT	
Limonene	NT	NT	
Linalool	NT	NT	
p-Mentha-1,5-diene	NT	NT	
beta-Myrcene	NT	NT	
trans-Nerolidol	NT	NT	
Ocimene	NT	NT	
alpha-Pinene	NT	NT	
beta-Pinene	NT	NT	
Pulegone	NT	NT	
Sabinene	NT	NT	
Sabinene Hydrate	NT	NT	
gamma-Terpinene	NT	NT	
alpha-Terpinene	NT	NT	
3-Carene	NT	NT	
Terpineol	NT	NT	
Terpinolene	NT	NT	
Valencene	NT	NT	
Nerol	NT	NT	
cis-Nerolidol	NT	NT	
Total Terpenes	NT	NT	

Water Activity (Water Activity Meter) Analyzed: By:

Compound	AW, 25 °C	Q
Water Activity	NT	

Moisture (Moisture Analyzer) Analyzed: By:

Compound	%	Q
Percent Moisture	NT	

pH Test (pH Meter) Analyzed: By:

Compound	NA	Q
pH	NT	

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Certificate of Analysis

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51 W. Weldon Ave

Phoenix, AZ

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www.desertvalleytesting.com

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QUALIFIER DEFINITIONS AND CASE NARRATIVE

- 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.
- 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) or Quality Control Sample (QCS) recovery exceeds acceptable limits; but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.

Terpene analysis not regulated by Arizona Department of Health .

Testing results were obtained according to requirements in the quality assurance plan in R 9-17-404.05, in the applicable standard operating procedure, and in R9-17- 404.03 or R9-17-404.04; A description of any variances from the requirements , and the reason for the variance will be described in the Work Order memo.

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