

## FWA, INC

License#: 2639 N 31ST AVE  
Phoenix, AZ 85009  
(480) 697-7502

Additional Licenses:

Batch #: 5022 1417 6033 3111

Sample Batch Collection: 08/09/21 07:47; Sample Batch Collected By: FWA, INC  
Sample Received: 8/9/2021; Report Created: 8/24/2021

Berzerker Pre-Roll

Laboratory Number: 2108064-02  
Concentrates

<b>Herbicides</b> PASS	<b>Pesticides</b> PASS	<b>Residual Solvents</b> PASS	<b>Metals</b> PASS	<b>Mycotoxins</b> PASS	<b>Aspergillus</b> PASS	<b>E. Coli/ Salmonella</b> PASS
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### Sample Image



### Residual Solvents (GCMS-MS) Analyzed: 08/24/21 By: LEH

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: 08/12/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.10	0.54	5.45	
delta 9-THC	1.93	26.51	265	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.24	2.40	
CBG-A	0.10	0.11	1.10	
CBD-A	0.10	1.82	18.2	
CBD	1.93	30.90	309	D1
CBD-V	0.10	0.10	1.01	
CBN	0.10	0.46	4.60	
CBG	0.10	0.27	2.67	
CBC	0.10	0.35	3.54	

### Metals (ICP-MS) Analyzed: 08/13/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.100	0.107	M1
Cadmium	0.100	ND	
Lead	0.100	ND	
Mercury	0.010	ND	

### Regulated Microbials (Petrifilm) Analyzed: 8/11/2021 By: NKB

Pathogens	RL	Result	Units	Q
E. coli	10.0	ND	cfu/g	

### Regulated Microbials (PCR) Analyzed: 8/16/2021 By: LEF

Pathogens	RL	Result	Units	Q
Aspergillus	1.00	Absent	cfu/g	
Salmonella	1.00	Absent	cfu/g	

26.98 % 269.78 mg/g <b>Total THC</b>	32.50 % 325.00 mg/g <b>Total CBD</b>	61.30 % 613.00 mg/g <b>Total Cannabinoids</b>
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Total THC = THCa \* 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA \* 0.877 + CBD

### Regulated Mycotoxins (LC-MS TQ) Analyzed: 08/18/21 By: EGP

Pathogens	RL	ppb	Q
Aflatoxins	0.922	ND	V1
Ochratoxins	1.84	ND	M2

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Erin Polly  
Technical Laboratory Director

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# Certificate of Analysis

00000003LCIN00627986

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Pesticides (LC-MS TQ) Analyzed: 08/12/21 By: MLC							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.184	ND		Acequinocyl	0.922	ND	
Acetamiprid	0.092	ND		Aldicarb	0.184	ND	
Azoxystrobin	0.092	ND		Bifenthrin	0.092	ND	
Boscalid	0.184	ND		Carbaryl	0.092	ND	
Carbofuran	0.092	ND		Chlorpyrifos	0.092	ND	
Diazinon	0.092	ND		Dimethoate	0.092	ND	
Ethoprophos	0.092	ND		Etofenprox	0.184	ND	
Etoxazole	0.092	ND		Fenoxycarb	0.092	ND	
Fenpyroximate E	0.184	ND		Fonicamid	0.461	ND	
Fludioxonil	0.184	ND		Hexythiazox	0.461	ND	
Imazalil	0.092	ND		Imidacloprid	0.184	ND	
Kresoxim-methyl	0.184	ND		Malathion	0.092	ND	
Metalaxyl	0.092	ND		Methiocarb	0.092	ND	
Methomyl	0.184	ND		Myclobutanil	0.092	ND	
Naled	0.230	ND		Oxamyl	0.461	ND	
Piperonyl butoxide	0.922	ND		Propiconazole	0.184	ND	
Propoxure	0.092	ND		Spiromesifen	0.092	ND	
Spirotetramat	0.092	ND		Spiroxamine	0.184	ND	
Tebuconazole	0.184	ND		Thiacloprid	0.092	ND	
Thiamethoxam	0.092	ND		Trifloxystrobin	0.092	ND	
Abamectin	0.230	ND		Bifenazate	0.092	ND	
Chlorantraniliprole	0.092	ND	V1	Clofentezine	0.092	ND	
Cyfluthrin	0.922	ND		Cypermethrin	0.461	ND	
Daminozide	0.461	ND	L1, V1	DDVP (Dichlorvos)	0.046	ND	
Fipronil	0.184	ND		Paclobutrazol	0.184	ND	
Permethrins	0.092	ND		Phosmet	0.092	ND	
Prallethrin	0.092	ND		Pyrethrins	0.461	ND	
Pyridaben	0.092	ND	M2	Spinosad	0.092	ND	
Chlorfenapyr	0.922	ND					

Herbicides (LC-MS TQ) Analyzed: 08/17/21 By: MLC			
Analyte	RL	ppm	Q
Pendimethalin	0.046	ND	

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
<b>Pathogens</b>				
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:

	mg/g	%	Q
<b>Compound</b>			
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	
<b>Total Terpenes</b>	NT	NT	

Water Activity (Moisture Reactor) Analyzed: By:

	AW	Q
<b>Compound</b>		
Water Activity	NT	

Moisture (Drying Oven) Analyzed: By:

	%	Q
<b>Compound</b>		
Percent Moisture	NT	

pH Test (HannHI11310) Analyzed: By:

	NA	Q
<b>Compound</b>		
pH	NT	

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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.
- 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) 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.

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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