

Green Leaf Lab

251 Lathrop Way Suites D&E Sacramento, CA 95815
916-924-5227 / www.greenleaflabs.com

License#: C8-0000078-LIC

Quality Control Testing Official Report

Distributor

Bear Ears Farms
210 Shirttail Way, Blanding UT 84511

Cultivator/Manufacturer

Bear Ears Farm R&D
210 N Shirttail Way
Blanding UT 84511

Bear Bomb

Test RFID:

Lab Sample ID: S3E0236-07

Source RFID: na

Matrix: Topical -
weight

Date Sampled: 05/24/23

Date Received: 05/24/23

Source Batch ID: na

Batch Size: na

Harvest/Processing Date: na

Results at a Glance

Overall Batch :
PASS

Cannabinoids :
PASS

Pesticides:
PASS

Residual Solvents for Topicals : PASS

Microbials :
PASS

Metals :
PASS

Foreign Material:

Mycotoxins:

PASS

PASS

**Lauryn
Brown**

Lauryn Brown
Laboratory Manager -
6/29/2023

Sample Size: 2 oz
Product Density: na

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Batch Size: na

Harvest/Processing Date: na

Potency Analysis by HPLC

Sample Size: 2 oz

Product Density: na

Date/Time Extracted:

05/24/23 13:30

Analysis Method/SOP:

C-001

Date/Time Analyzed: 05/25/23 07:00

Cannabinoids

LOD

LOQ

%

mg/
g

mg/
g

mg/g

Total THC

0.04

0.04

ND

ND

Total CBD	0.0010	0.0010	0.024	0.24
THCA	0.04	0.04	ND	ND
delta 9-THC	0.04	0.04	ND	ND
delta 8-THC	0.0010	0.0010	ND	ND
THCV	0.0010	0.0010	ND	ND
THCVA	0.0010	0.0010	ND	ND
CBD	0.0010	0.0010	0.024	0.24
CBDA	0.0010	0.0010	ND	ND
CBDV	0.0010	0.0010	ND	ND
CBDVA	0.0010	0.0010	ND	ND
CBN	0.0010	0.0010	ND	ND
CBG	0.0010	0.0010	0.005	0.05
CBGA	0.0010	0.0010	ND	ND

				ND
	CBC 0.0010	0.0010		
			ND	
				ND
Total Cannabinoids	0.0010	0.0010	0.030	0.3
Sum of Cannabinoids 0.0010	0.0010	0.030		0.3

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

**Lauryn
Brown**

**Lauryn
Brown**
Laboratory **Manager -**
6/29/2023

**Page 2 of
6**

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weight

Source RFID: na

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Date Received: 05/24/23

Source Batch ID: na

Batch Size: na

Harvest/Processing Date: na

Sample Size: 2 oz

Product Density: na

Pesticide Analysis by GCMS/LCMS

Date/Time Extracted: 06/27/23 10:34

Analysis Method/SOP: RP-001

Date/Time GC Analyzed: 06/28/23 01:18

Date/Time LC Analyzed: 06/27/23 20:30

Analyte	Result	Action	Level LOD	LOQ Units	Analyte	Result	Action	Level LOD	LOQ Units
Abamectin	ND		0.3	0.060		ND		5	0.060 0.080
					LOQ Units Analyte				
					0.080 ug/g Acephate				
									ug/g
Acequinocyl	ND			4					

Active Ingredient	Reference Concentration (ug/g)	Sample Concentration (ug/g)	LO	Reference Concentration (ug/g)	Sample Concentration (ug/g)	LO
Aldicarb	0.060	0.080	0.05	0.060	0.080	0.05
Bifenazate	0.060	0.080	5	0.060	0.080	5
Boscalid	0.060	0.080	10	0.060	0.080	10
Carbaryl	0.500	0.500	0.5	0.060	0.080	0.5
Chlorantraniliprole	0.060	0.080	40	0.060	0.080	40
Chlorfenapyr	0.060	0.080	0.05	0.060	0.080	0.05
Clofentezine	0.060	0.080	0.5	0.060	0.080	0.5
Azoxystrobin	0.060	0.080	40	0.060	0.080	40
Bifenthrin	0.060	0.080	0.5	0.060	0.080	0.5
Captafen	0.500	0.500	5	0.060	0.080	5
Carbofuran	0.060	0.080	0.05	0.060	0.080	0.05
Chlordane	0.060	0.080	0.05	0.060	0.080	0.05
Chlorpyrifos	0.060	0.080	0.05	0.060	0.080	0.05

				Coumaphos	ND	0.05		0.060 0.080 ug/g
Cyfluthrin	ND	1	0.250 0.700 ug/g					
				Cypermethrin	ND	1		0.250 0.500 ug/g
Daminozide	ND	0.05	0.060 0.080 ug/g					
				DDVP (Dichlorvos)	ND	0.05		0.060 0.080 ug/g
Diazinon	ND	0.2	0.060 0.080 ug/g					
				Dimethoate	ND	0.05		0.060 0.080 ug/g
Dimethomorph	ND	20	0.060 0.080 ug/g					
				Ethoprophos	ND	0.05		0.060 0.080 ug/g
Etofenprox	ND	0.05	0.060 0.080 ug/g					
				Etoazole	ND	1.5		0.060 0.080 ug/g
Fenhexamid	ND	10						
Fenpyroximate	ND	2						
Flonicamid	ND	2	0.060 0.080 ug/g					
			0.060 0.080 ug/g					
			0.060 0.080 ug/g	Fenoxycar				

				b	ND	0.05	0.060 0.080 ug/g
				Fipronil	ND	0.05	0.060 0.080 ug/g
				Fludioxonil	ND	30	0.060 0.080 ug/g
Hexythiazox	ND	2	0.060 0.080 ug/g				
				Imazalil	ND	0.05	0.060 0.080 ug/g
Imidacloprid	ND	3	0.060 0.080 ug/g				
				Kresoxim methyl	ND	1	0.060 0.080 ug/g
Malathion	ND	5	0.060 0.080 ug/g				
				Metalaxyl	ND	15	0.060 0.080 ug/g
Methiocarb	ND	0.05	0.060 0.080 ug/g				
				Methomyl	ND	0.1	0.060 0.080 ug/g
Methyl parathion	ND	0.05	0.060 0.080 ug/g				
				Mevinphos	ND	0.05	
Myclobutanil	ND		0.060 0.080 ug/g Naled				
					ND	0.5	
Oxamyl	ND						

Tebuconazole

ND

Thiamethoxam

ND

4.5

3

3

2

4

0.060 0.080

ug/g
Spiromesifen

ND

12

0.060 0.080 ug/g

0.060 0.080 ug/g Spiroxamine

ND

0.05

0.060

0.080 ug/g Thiacloprid

ND

0.05

0.500

1.00 ug/g Trifloxystrobin

ND

30

0.060 0.080 ug/g

0.060 0.080 ug/g

0.060 0.080 ug/g

ND - Compound not detected

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted Red.

Lauryn

Brown

Lauryn

Brown
Laboratory Manager -
6/29/2023

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Lab Sample ID: S3E0236-07

Matrix: Topical -
weight

Source RFID: na

Source Batch ID: na

Batch Size: na

Harvest/Processing Date: na

Sample Size: 2 oz

Product Density: na

Date Sampled: 05/24/23

Date Received: 05/24/23

Residual Solvent Analysis by GCMS-HS

Date/Time Extracted: 05/24/23 12:27

Date/Time Analyzed: 05/25/23 13:16

Analyte

Action Result Level LOD

LOQ

Units

1,2-Dichloroethane

ND

1

Acetone	<LOQ	5000	0.10	0.79	ug/g
Acetonitrile			0.10	986.6	ug/g
Benzene					
Butane					
Chloroform					
Ethanol					
Ethyl acetate					
Ethyl ether					
Ethylene oxide					
Heptane					
Hexane					
Isopropyl Alcohol					
Methanol					
Methylene chloride					
Pentane					
Propane					
Toluene	2 2 2 2				
	ND	410	0.10	49.33	ug/g
	ND	1	0.10	0.79	ug/g
	ND	5000	0.10	986.6	ug/g
	ND	1	0.10	0.79	ug/g
	<LOQ	1000000	0.10	986.6	ug/g

Trichloroethylen
e

xylenes
(total)

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

ND	5000	0.10	986.6 ug/g
ND	5000	0.10	986.6 ug/g
ND	1	0.10	0.79 ug/g
ND	5000	0.10	986.6 ug/g
ND	290	0.10	49.33 ug/g
ND	1000000	0.10	986.6 ug/g
ND	3000	0.10	986.6 ug/g
ND	1	0.10	0.79 ug/g
ND	5000	0.10	986.6 ug/g
ND	5000	0.10	986.6 ug/g
ND	890	0.10	49.33 ug/g

ND	1	0.10	0.79	ug/ g
ND	2170	0.10	49.33	ug/g

ND - Compound not detected

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted Red.

Lauryn
Brown

Lauryn Brown
Laboratory Manager -
6/29/2023

Analysis Method/SOP:
RS-001

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Matrix: Topical - weight

Date Sampled: 05/24/23

Source RFID: na

Date Received: 05/24/23

Source Batch ID: na

Batch Size: na

Harvest/Processing Date: na

Sample Size: 2 oz

Product Density: na

Metals Analysis by ICPMS

Analysis Method/SOP: HM-001

Date/Time Extracted: 05/24/23 13:20

Date/Time Analyzed: 05/26/23 14:47

Analyte	Action Result Level	LOD	LOQ Units
Arsenic	<LOQ	1.5	0.0110 0.0500 ug/g
Cadmium	ND	0.5	0.00100 0.0500 ug/g
Lead			
Mercury	<LOQ		

ND
0.5
0.00150
0.0500 ug/g
0.00350 0.0100 ug/g

ND - Compound not
detected

<LOQ - Results below the Limit of Quantitation

**Results above the Action Level fail state testing requirements and will be highlighted
Red.**

Lauryn
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Lauryn Brown
Laboratory **Manager** -
6/29/2023

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weight

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Source Batch ID: na

Batch Size: na

Harvest/Processing Date: na

Sample Size: 2 oz

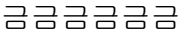
Product Density: na

Mycotoxins by LCMSMS

Analysis Method/SOP: RP-001

Date/Time Extracted: 05/24/23 12:56

Date/Time Analyzed: 05/25/23 05:01

Analyte	Action	Result	Level	LOD	LOQ	Units
afatoxin B1				1.98	4.96	ug/k g
afatoxin B2						
afatoxin G1						

afatoxin G2

Ochratoxin A

Total Aflatoxins

ND - Compound not detected

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted Red.

2220	0.991	4.96	ug/kg
	0.991	4.96	ug/kg
	2.48	4.96	ug/kg
	9.91	12.4	ug/kg
	0.991	4.96	ug/kg

Date/Time Extracted: 05/24/23 12:26

Date/Time Analyzed: 05/25/23 17:30

Microbials by PCR

Analysis Method/SOP: MI-301

Analyte	Result	Action Level	LOD	LOQ	Units
Escherichia Coli	Pass		0.00	0.00	CFU/g
Salmonella	Pass	1	0.00	0.00	CFU/g

No detection in 1 gram

No detection in 1 gram

Filth and Foreign Material Inspection by Magnification

Date/Time Extracted: 05/24/23 11:57

Date/Time Analyzed: 05/24/23 16:53

Analysis Method/SOP:
FM-001

Analyte

Foreign
Material

Action Result	Level	LOD	LOQ Units
Pass		1.00	1.00
			FMU

<LOQ - Results below the Limit of Quantitation

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Laboratory Manager -
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