

# Feals 1200mg Lab Tests.

At Feals, our goal is to produce the purest end product as possible. In order to do so, we test your CBD at each step of our production process.

Lot Number: 21072A

#### TEST 1

### **Hemp Test**

Our American grow partners sign an affidavit ensuring organic farming practices are used, before their initial test to validate no traces of any 60 potentially harmful pesticides are found, and that THC levels are below the 0.3% limit required by law.

✓ Under legal limit of 0.3% THC

Pesticide Test: 

PASS

#### TEST 2

### **Extraction Test**

Once the plants pass the partner's quality assurance, they are brought to our CO<sub>2</sub> extraction facility. Here, the oil is retested for the 0.3% limit and goes through a comprehensive profile and potency test to determine the plant's unique cannabinoid makeup.

Cannabinoid Profile Test

✓ Under legal limit of 0.3% THC

Heavy Metals Test: **PASS** 

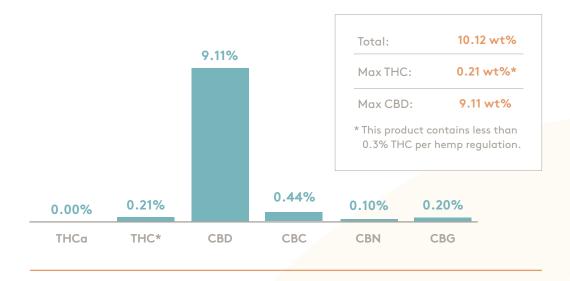
#### TEST 3

### **Final Test**

Before being shipped to your door, we ensure the accuracy of our partner tests by sending each batch through a final test of quality, profile, and potency. A summary of that test is summarized below and the actual results are on the following pages.

All previous tests taken one last time

### Cannabinoid Profile & Potency







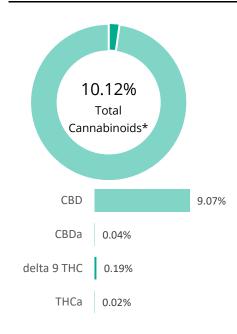
### CERTIFICATE OF ANALYSIS

prepared for: Feals, Inc.

### Feals 1200

Batch ID:	21072A	Test ID:	t000152354
Туре:	Concentrate	Submitted:	07/20/2021 @ 10:03 AM
Test:	Potency	Started:	7/21/2021
Method:	TM14 (HPLC-DAD)	Reported:	7/22/2021

### **CANNABINOID PROFILE**



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	0.02	0.2
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.02	0.19	1.9
Cannabidiolic acid (CBDA)	0.01	0.04	0.4
Cannabidiol (CBD)	0.01	9.07	90.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	0.03	0.3
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	0.10	1.0
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.00	0.20	2.0
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	0.01	0.1
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	0.02	0.2
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.01	0.44	4.4
Total Cannabinoids		10.12	101.2
Total Potential THC**		0.21	2.1
Total Potential CBD**		9.11	91.1

NOTES:

N/A

- % = % (w/w) = Percent (Weight of Analyte / Weight of Product)
- \* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
- \*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa \*(0.877)) and

Total CBD = CBD + (CBDa \*(0.877))

ND = None Detected (Defined by Dynamic Range of the method)

### FINAL APPROVAL



Sam Smith 22-Iul-2021 6:42 PM

Mygun Neus

Rvan Weems 22-Iul-2021 6:43 PM

#### PREPARED BY / DATE APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02





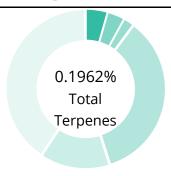
### CERTIFICATE OF ANALYSIS

prepared for: Feals, Inc.

### Feals 1200

Batch ID:	21072A	Test ID:	T000152355
Туре:	Concentrate	Submitted:	07/20/2021 @ 10:03 AM
Test:	Terpenes	Started:	7/20/2021
Method:	TM22 (GC-MS)	Reported:	7/21/2021

### **TERPENE PROFILE**



#### **PREDOMINANT TERPENES**

INED CIVILIAN (INT	I LIVI LIVLO	
alpha-Pinene	0.0000	
(-)-beta-Pinene	0.0000	
beta-Myrcene	0.0087	
delta-3-Carene	0.0000	
alpha-Terpinene	0.0000	
d-Limonene	0.0069	
Linalool	0.0042	
beta-Caryophyllene		0.0683
alpha-Humulene	0.0277	
(-)-alpha-Bisabolol		0.0794

Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0794	0.794
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0683	0.683
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0277	0.277
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0069	0.069
Linalool	0.0042	0.042
beta-Myrcene	0.0087	0.087
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0000	0.000
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0010	0.010
	0.1962	1.962

### **FINAL APPROVAL**

**Daniel Weidensaul** 21-Jul-2021 12:04 PM

**Rvan Weems** 21-Jul-2021 12:05 PM

### PREPARED BY / DATE

### APPROVED BY / DATE

NOTES: N/A

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**License No.** 800025015 FL License # CMTL-0003 CLIA No. 10D1094068



Feals 1200 Sample Matrix: CBD/HEMP Derivative Products (Ingestion)



### **Certificate of Analysis**

**Compliance Test** 

**Feals INC** 

Batch # 21072A Batch Date: 2021-07-01 Extracted From: Hemp Sampling Method: MSP 7.3.1 Test Reg State: Florida

Order # FEA210716-010016 Order Date: 2021-07-16 Sample # AABQ394

**Sampling Date:** 2021-07-21 **Lab Batch Date:** 2021-07-21

**Passed** 

Initial Gross Weight: 47.921 g

Completion Date: 2021-07-28 **Heavy Metals** 







**Pesticides Passed** 







**Water Activity Tested** 











### **Potency Panel Not Included**

Lab Toxicologist

Lab Director/Principal Scientist Aixia Sun

D.H.Sc., M.Sc., B.Sc., MT (AAB)

Xueli Gao Ph.D., DABT





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**CLIA No.** 10D1094068



Feals 1200 Sample Matrix: CBD/HEMP Derivative Products (Ingestion)



# **Certificate of Analysis**

**Compliance Test** 

Feals INC

Batch # 21072A Batch Date: 2021-07-01 Extracted From: Hemp Sampling Method: MSP 7.3.1

Test Reg State: Florida

Order # FEA210716-010016 Order Date: 2021-07-16 Sample # AABQ394 Sampling Date: 2021-07-21 Lab Batch Date: 2021-07-21 Completion Date: 2021-07-28 Initial Gross Weight: 47.921 g

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### **Heavy Metals**

Specimen Weight: 249.530 mg

Passed (ICP-MS)

Dilution Factor: 2.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	
Arsenic (As)	100	1500	<l0q< td=""><td>Cadmium (Cd)</td><td>100</td><td>500</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	Cadmium (Cd)	100	500	<l0q< td=""><td></td></l0q<>	
Lead (Ph)	100	500	<1.00	Mercury (Ha)	100	3000	<100	

\*\*

### Mycotoxins

Specimen Weight: 164.000 mg

Passed (LCMS)

Dilution Factor: 9.146

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	
Aflatoxin B1	6	20	<l0q< td=""><td>Aflatoxin B2</td><td>6</td><td>20</td><td><loq< td=""><td></td></loq<></td></l0q<>	Aflatoxin B2	6	20	<loq< td=""><td></td></loq<>	
Aflatoxin G1	6	20	<loq< td=""><td>Aflatoxin G2</td><td>6</td><td>20</td><td><loq< td=""><td></td></loq<></td></loq<>	Aflatoxin G2	6	20	<loq< td=""><td></td></loq<>	
Ochratoxin A	12	20	<l0q< td=""><td></td><td></td><td></td><td></td><td></td></l0q<>					

Xueli Gao

Lab Toxicologist

Mini S

Aixia Sun Lab Director/Principal Scientist

D.H.Sc., M.Sc., B.Sc., MT (AAB)

Ph.D., DABT

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Feals 1200 Sample Matrix: CBD/HEMP Derivative Products (Ingestion)



# **Certificate of Analysis**

**Compliance Test** 

Feals INC Batch # 21072A

Batch Date: 2021-07-01 Extracted From: Hemp Sampling Method: MSP 7.3.1

Test Reg State: Florida

Order # FEA210716-010016 Order Date: 2021-07-16 Sample # AABQ394 Sampling Date: 2021-07-21 Lab Batch Date: 2021-07-21 Completion Date: 2021-07-28 Initial Gross Weight: 47.921 g

Passed (LCMS/GCMS)

### Ö"

#### Pesticides FL V4

Specimen Weight: 164.000 mg

Dilution Factor: 9.146

Dilution Lucion Fil 10							
Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<l0q< td=""><td>Acephate</td><td>30</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Acephate	30	3000	<l0q< td=""></l0q<>
Acequino cyl	48	2000	<l0q< td=""><td>Acetamiprid</td><td>30</td><td>3000</td><td><loq< td=""></loq<></td></l0q<>	Acetamiprid	30	3000	<loq< td=""></loq<>
Aldicarb	30	100	<loq< td=""><td>Azoxystrobin</td><td>10</td><td>3000</td><td><loq< td=""></loq<></td></loq<>	Azoxystrobin	10	3000	<loq< td=""></loq<>
Bifenazate	30	3000	<l0q< td=""><td>Bifenthrin</td><td>30</td><td>500</td><td><loq< td=""></loq<></td></l0q<>	Bifenthrin	30	500	<loq< td=""></loq<>
Boscalid	10	3000	<l0q< td=""><td>Captan</td><td>30</td><td>3000</td><td><loq< td=""></loq<></td></l0q<>	Captan	30	3000	<loq< td=""></loq<>
Carbaryl	10	500	<l0q< td=""><td>Carbofuran</td><td>10</td><td>100</td><td><l0q< td=""></l0q<></td></l0q<>	Carbofuran	10	100	<l0q< td=""></l0q<>
Chlorantraniliprole	10	3000	<l0q< td=""><td>Chlordane</td><td>10</td><td>100</td><td><l0q< td=""></l0q<></td></l0q<>	Chlordane	10	100	<l0q< td=""></l0q<>
Chlorfenapyr	30	100	<l0q< td=""><td>Chlormequat Chloride</td><td>10</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Chlormequat Chloride	10	3000	<l0q< td=""></l0q<>
Chlorpyrifos	30	100	<l0q< td=""><td>Clofentezine</td><td>30</td><td>500</td><td><l0q< td=""></l0q<></td></l0q<>	Clofentezine	30	500	<l0q< td=""></l0q<>
Coumaphos	48	100	<l0q< td=""><td>Cyfluthrin</td><td>30</td><td>1000</td><td><l0q< td=""></l0q<></td></l0q<>	Cyfluthrin	30	1000	<l0q< td=""></l0q<>
Cypermethrin	30	1000	<l0q< td=""><td>Daminozide</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></l0q<>	Daminozide	30	100	<loq< td=""></loq<>
Diazinon	30	200	<l0q< td=""><td>Dichlorvos</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></l0q<>	Dichlorvos	30	100	<loq< td=""></loq<>
Dimethoate	30	100	<l0q< td=""><td>Dimethomorph</td><td>48</td><td>3000</td><td><loq< td=""></loq<></td></l0q<>	Dimethomorph	48	3000	<loq< td=""></loq<>
Ethoprophos	30	100	<l0q< td=""><td>Etofenprox</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></l0q<>	Etofenprox	30	100	<l0q< td=""></l0q<>
Etoxazole	30	1500	<l0q< td=""><td>Fenhexamid</td><td>10</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Fenhexamid	10	3000	<l0q< td=""></l0q<>
Fenoxycarb	30	100	<l0q< td=""><td>Fenpyroximate</td><td>30</td><td>2000</td><td><l0q< td=""></l0q<></td></l0q<>	Fenpyroximate	30	2000	<l0q< td=""></l0q<>
Fipronil	30	100	<l0q< td=""><td>Flonicamid</td><td>30</td><td>2000</td><td><l0q< td=""></l0q<></td></l0q<>	Flonicamid	30	2000	<l0q< td=""></l0q<>
Fludioxonil	48	3000	<l0q< td=""><td>Hexythiazox</td><td>30</td><td>2000</td><td><l0q< td=""></l0q<></td></l0q<>	Hexythiazox	30	2000	<l0q< td=""></l0q<>
Imazalil	30	100	<l0q< td=""><td>Imidacloprid</td><td>30</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Imidacloprid	30	3000	<l0q< td=""></l0q<>
Kresoxim Methyl	30	1000	<l0q< td=""><td>Malathion</td><td>30</td><td>2000</td><td><loq< td=""></loq<></td></l0q<>	Malathion	30	2000	<loq< td=""></loq<>
Metalaxyl	10	3000	<l0q< td=""><td>Methiocarb</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></l0q<>	Methiocarb	30	100	<loq< td=""></loq<>
Methomyl	30	100	<l0q< td=""><td>methyl-Parathion</td><td>10</td><td>100</td><td><l0q< td=""></l0q<></td></l0q<>	methyl-Parathion	10	100	<l0q< td=""></l0q<>
Mevinphos	10	100	<l0q< td=""><td>Myclo butanil</td><td>30</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Myclo butanil	30	3000	<l0q< td=""></l0q<>
Naled	30	500	<l0q< td=""><td>Oxamyl</td><td>30</td><td>500</td><td><l0q< td=""></l0q<></td></l0q<>	Oxamyl	30	500	<l0q< td=""></l0q<>
Paclobutrazol	30	100	<l0q< td=""><td>Pentachloronitrobenzene</td><td>10</td><td>200</td><td><l0q< td=""></l0q<></td></l0q<>	Pentachloronitrobenzene	10	200	<l0q< td=""></l0q<>
Permethrin	30	1000	<l0q< td=""><td>Phosmet</td><td>30</td><td>200</td><td><l0q< td=""></l0q<></td></l0q<>	Phosmet	30	200	<l0q< td=""></l0q<>
Piperonylbutoxide	30	3000	<l0q< td=""><td>Prallethrin</td><td>30</td><td>400</td><td><l0q< td=""></l0q<></td></l0q<>	Prallethrin	30	400	<l0q< td=""></l0q<>
Propiconazole	30	1000	<l0q< td=""><td>Propoxur</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></l0q<>	Propoxur	30	100	<loq< td=""></loq<>
Pyrethrins	30	1000	<l0q< td=""><td>Pyridaben</td><td>30</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Pyridaben	30	3000	<l0q< td=""></l0q<>
Spinetoram	10	3000	<l0q< td=""><td>Spinosad</td><td>30</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Spinosad	30	3000	<l0q< td=""></l0q<>
Spiromesifen	30	3000	<l0q< td=""><td>Spirotetramat</td><td>30</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Spirotetramat	30	3000	<l0q< td=""></l0q<>
Spiroxamine	30	100	<l0q< td=""><td>Tebuconazole</td><td>30</td><td>1000</td><td><loq< td=""></loq<></td></l0q<>	Tebuconazole	30	1000	<loq< td=""></loq<>
Thiacloprid	30	100	<l0q< td=""><td>Thiamethoxam</td><td>30</td><td>1000</td><td><l0q< td=""></l0q<></td></l0q<>	Thiamethoxam	30	1000	<l0q< td=""></l0q<>
Trifloxystrobin	30	3000	<l0q< td=""><td></td><td></td><td></td><td></td></l0q<>				
2							

Xueli Gao

Lab Toxicologist

Aixia Sun Lab Director/Principal Scientist

Aixia Sun Lab Director/F

Ph.D., DABT

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License No. 800025015 FL License # CMTL-0003

**CLIA No.** 10D1094068



**Feals 1200** Sample Matrix: CBD/HEMP **Derivative Products** (Ingestion)



# **Certificate of Analysis**

**Compliance Test** 

Batch # 21072A **Feals INC** 

Batch Date: 2021-07-01 Extracted From: Hemp

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Sampling Method: MSP 7.3.1 Test Reg State: Florida

Order # FEA210716-010016 Order Date: 2021-07-16 Sample # AABQ394

Specimen Weight: N/A

Sampling Date: 2021-07-21 Lab Batch Date: 2021-07-21 Completion Date: 2021-07-28

Initial Gross Weight: 47.921 g

#### **Additional Pesticides**

**Passed** (LCMS)

Analyte	LOQ (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Result (ppb)
Discost	2.4	-1.00	Clumbo acto	2.4	-100



Paraquat

### Residual Solvents - FL (CBD)

Specimen Weight: 11.600 mg

**Passed** (GCMS)

Dilution Factor: 1.000						
Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Le (pp
Acetone	2.08	5000	<l0q< th=""><th>Benzene</th><th>0.02</th><th></th></l0q<>	Benzene	0.02	
Dutanaa	2 5	2000	-1.00	Ethonol	2.70	EC

Analyte	(ppm)	(ppm)	(ppm)	Analyte	(ppm)	(ppm)	(ppm)
Acetone	2.08	5000	<loq< td=""><td>Benzene</td><td>0.02</td><td>2</td><td><l0q< td=""></l0q<></td></loq<>	Benzene	0.02	2	<l0q< td=""></l0q<>
Butanes	2.5	2000	<loq< td=""><td>Ethanol</td><td>2.78</td><td>5000</td><td><loq< td=""></loq<></td></loq<>	Ethanol	2.78	5000	<loq< td=""></loq<>
Ethyl Acetate	1.11	5000	<loq< td=""><td>Heptane</td><td>1.39</td><td>5000</td><td><loq< td=""></loq<></td></loq<>	Heptane	1.39	5000	<loq< td=""></loq<>
Hexane	1.17	290	<loq< td=""><td>Isopropyl alcohol</td><td>1.39</td><td>500</td><td><loq< td=""></loq<></td></loq<>	Isopropyl alcohol	1.39	500	<loq< td=""></loq<>
Methanol	0.69	3000	<loq< td=""><td>Pentane</td><td>2.08</td><td>5000</td><td><loq< td=""></loq<></td></loq<>	Pentane	2.08	5000	<loq< td=""></loq<>
Propane	5.83	2100	<l0q< td=""><td>Toluene</td><td>2.92</td><td>890</td><td><l0q< td=""></l0q<></td></l0q<>	Toluene	2.92	890	<l0q< td=""></l0q<>
Total Xylenes	2.92	2170	<l0q< td=""><td></td><td></td><td></td><td></td></l0q<>				

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Lab Toxicologist

Lab Director/Principal Scientist Aixia Sun

D.H.Sc., M.Sc., B.Sc., MT (AAB)





Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBD Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Detection, Dilution = Dilution Teator (ppb) = Parts per Billion, (%) = Percent, (cflu/g) = Colony Forming Unit per Gram (cflu/g) = Colony Forming Unit per Gram (cflu/g) = Colony Forming Unit per Gram (cflu/g) = Milligram per Kilogram per Kilogram (up/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram











**Feals 1200** Sample Matrix: CBD/HEMP **Derivative Products** (Ingestion)



License No. 800025015 FL License # CMTL-0003 **CLIA No.** 10D1094068

# **Certificate of Analysis**

**Compliance Test** 

Batch # 21072A **Feals INC** 

Batch Date: 2021-07-01 Extracted From: Hemp

Sampling Method: MSP 7.3.1

Test Reg State: Florida

Order # FEA210716-010016 Order Date: 2021-07-16 Sample # AABQ394

Sampling Date: 2021-07-21 Lab Batch Date: 2021-07-21 Completion Date: 2021-07-28

Initial Gross Weight: 47.921 g

### **Water Activity**

Specimen Weight: 0.500 g

**Tested** (Water Activity Analyzer)

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.05	0.250



### Pathogenic Microbiology - SE (MicroArray)

Specimen Weight: 1045.100 mg

**Passed** (Micro Array)

	Result		Result	
Analyte	(cfu/g)	Analyte	(cfu/g)	
Salmonella	Absence in 1 a	STEC F Coli	Absence in 1 a	



### Listeria Monocytogenes

Specimen Weight: 1003.300 mg

**Passed** (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result	Result	
Listeria Monocytogenes	1	Absence in 1 g		

Xueli Gao

drul

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**Sampling Date:** 2021-07-21 **Lab Batch Date:** 2021-07-21 **Completion Date:** 2021-07-28

Initial Gross Weight: 47.921 g

### Pathogenic SE (qPCR)

Specimen Weight: 234.200 mg

**Passed** (qPCR)

Dilution Factor: 1.000

Analyte	Action Level Result (cfu/g) (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)	
E Coli	1 Absonos in 1 a	Calmonalla	1	Absonos in 1 a	



### Filth and Foreign Material Specimen Weight: N/A Dilution Factor: 1.000

**Passed** (Visual/Microscope)

Analyte	Action Level (%)	Result (%)	Analyte	Action Level (mg/Kg)	Result (mg/Kg)	
Covered Area	10	0.000	Feces	0.5	0.000	
Weight %	1	0.000				

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