Feals 600mg 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: 20111A

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.

- 60 Pesticide Test
- Under legal limit of 0.3% THC

TEST 2

Extraction Test

Once the plants pass the partner's quality assurance, they are brought to our CO_2 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

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.

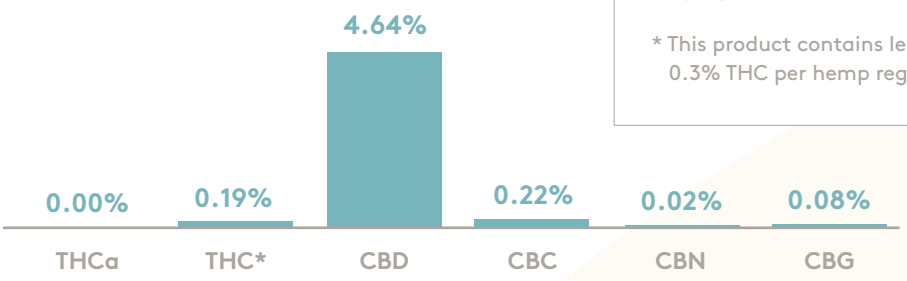
- All previous tests taken one last time

Pesticide Test: PASS

Heavy Metals Test: PASS

Microbiology Test: PASS

Cannabinoid Profile & Potency



Total:	5.18 wt%
Max THC:	0.19 wt%*
Max CBD:	4.64 wt%

* This product contains less than 0.3% THC per hemp regulation.

Need guidance? Reach out to us at +1 844.311.9090

feals.com

botanacor

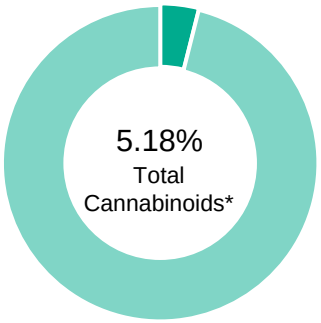
CERTIFICATE OF ANALYSIS

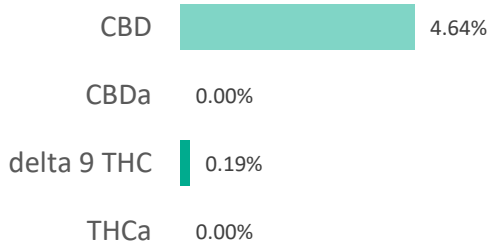
prepared for: Feals, Inc.

Feals 600

Batch ID:	20111A	**Test ID:**	T000114285
Type:	Concentrate	**Submitted:**	12/08/2020 @ 12:57 PM
Test:	Potency	**Started:**	12/9/2020
Method:	TM14	**Reported:**	12/10/2020

CANNABINOID PROFILE





% = % (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)

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.03	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.04	0.19	1.9
Cannabidiolic acid (CBDA)	0.05	ND	ND
Cannabidiol (CBD)	0.05	4.64	46.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.04	ND	ND
Cannabinolic Acid (CBNA)	0.02	ND	ND
Cannabinol (CBN)	0.01	0.02	0.2
Cannabigerolic acid (CBGA)	0.04	ND	ND
Cannabigerol (CBG)	0.01	0.08	0.8
Tetrahydrocannabivarinic Acid (THCVA)	0.03	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.02	ND	ND
Cannabidivarin (CBDV)	0.01	0.03	0.3
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.02	0.22	2.2
Total Cannabinoids		**5.18**	**51.8**
Total Potential THC**		0.19	1.9
Total Potential CBD**		4.64	46.4

NOTES:
N/A

FINAL APPROVAL

Samantha Smith	Sam Smith 10-Dec-2020 12:55 PM
PREPARED BY / DATE	APPROVED BY / DATE

Greg Zimpfer
10-Dec-2020
5:12 PM

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 #4329.02

botanacor

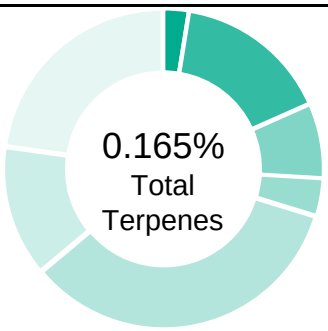
CERTIFICATE OF ANALYSIS

prepared for: Feals, Inc.

Feals 600

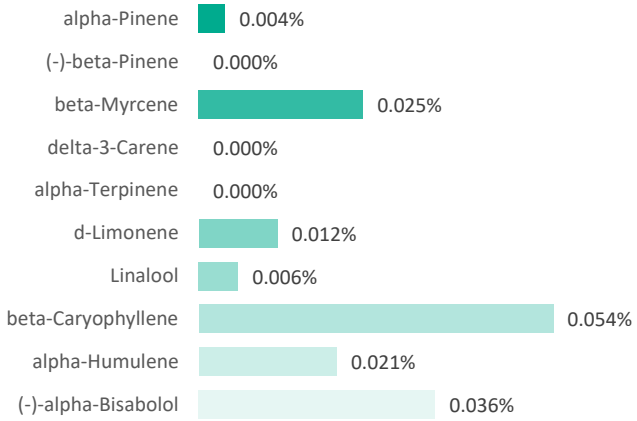
Batch ID:	20111A	**Test ID:**	T000114287
Type:	Concentrate	**Submitted:**	12/08/2020 @ 12:57 PM
Test:	Terpenes	**Started:**	12/10/2020
Method:	TM22	**Reported:**	12/11/2020

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.036	0.36
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.054	0.54
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.021	0.21
(-)-Isopulegol	0.000	0
d-Limonene	0.012	0.12
Linalool	0.006	0.06
beta-Myrcene	0.025	0.25
cis-Nerolidol	0.000	0
trans-Nerolidol	0.005	0.05
Ocimene	0.000	0
beta-Ocimene	0.002	0.02
alpha-Pinene	0.004	0.04
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	0.165%	**1.65**

PREDOMINANT TERPENES



NOTES:
0

FINAL APPROVAL

Michele Gagnon
11-Dec-2020
2:16 PM

PREPARED BY / DATE

Greg Zimpfer
11-Dec-2020
5:57 PM

APPROVED BY / DATE

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Certificate #4329.02

ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE

721 Cortaro Dr.
Sun City Center, FL 33573

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

Feals 600
Sample Matrix:
CBD/HEMP
Derivative Products
(Ingestion)

Certificate of Analysis

Compliance Test

Feals INC

Batch # 20111A
Batch Date: 2020-11-30
Extracted From: Hemp

Test Reg State: Florida

Order # FEA201202-010027
Order Date: 2020-12-02
Sample # AAAU283

Sampling Date: 2020-12-10
Lab Batch Date: 2020-12-10
Completion Date: 2020-12-17

Initial Gross Weight: 14.492 g

Heavy Metals Passed	Mycotoxins Passed	Pesticides Passed	Additional Pesticides Passed	Residual Solvents Passed
Water Activity Tested	Listeria Monocytogenes Passed	Pathogenic Passed	Filth and Foreign Passed	

Product Image

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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License No. 800025015
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Feals 600
Sample Matrix: CBD/HEMP Derivative Products (Ingestion)

Certificate of Analysis

Compliance Test

Feals INC

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Extracted From: Hemp

Test Reg State: Florida

Order # FEA201202-010027
Order Date: 2020-12-02
Sample # AAAU283

Sampling Date: 2020-12-10
Lab Batch Date: 2020-12-10
Completion Date: 2020-12-17

Initial Gross Weight: 14.492 g

Heavy Metals

Passed
(ICP-MS)

Specimen Weight: 249.850 mg

Dilution Factor: 2.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Cadmium (Cd)	100	500	<LOQ
Lead (Pb)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ
Total Contaminant Load (TCL)	None Detected						

Mycotoxins

Passed
(LCMS/API/GCMS)

Specimen Weight: 196.500 mg

Dilution Factor: 7.634

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin B2	6	20	<LOQ
Aflatoxin G1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Ochratoxin A	12	20	<LOQ				

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Sun City Center, FL 33573

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

Feals 600
Sample Matrix: CBD/HEMP Derivative Products (Ingestion)

Certificate of Analysis

Compliance Test

Feals INC

Batch # 20111A
Batch Date: 2020-11-30
Extracted From: Hemp

Test Reg State: Florida

Order # FEA201202-010027
Order Date: 2020-12-02
Sample # AAAU283

Sampling Date: 2020-12-10
Lab Batch Date: 2020-12-10
Completion Date: 2020-12-17

Initial Gross Weight: 14.492 g

Pesticides FL V4 (Non-Inhalable)

Passed
(LCMS/API/GCMS)

Specimen Weight: 196.500 mg

Dilution Factor: 7.634

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Acephate	30	3000	<LOQ
Acequinocyl	48	2000	<LOQ	Acetamiprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Azoxystrobin	10	3000	<LOQ
Bifenazate	30	3000	<LOQ	Bifenthrin	30	500	<LOQ
Boscalid	10	3000	<LOQ	Captan	30	3000	<LOQ
Carbaryl	10	500	<LOQ	Carbofuran	10	100	<LOQ
Chlorantraniliprole	10	3000	<LOQ	Chlordane	10	100	<LOQ
Chlorfenapyr	30	100	<LOQ	Chlormequat Chloride	10	3000	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	30	500	<LOQ
Coumaphos	48	100	<LOQ	Cyfluthrin	30	1000	<LOQ
Cypermethrin	30	1000	<LOQ	Daminozide	30	100	<LOQ
Diazinon	30	200	<LOQ	Dichlorvos	30	100	<LOQ
Dimethoate	30	100	<LOQ	Dimethomorph	48	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	10	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	48	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Imazalil	30	100	<LOQ	Imidacloprid	30	3000	<LOQ
Kresoxim Methyl	30	1000	<LOQ	Malathion	30	2000	<LOQ
Metalaxyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	methyl-Parathion	10	100	<LOQ
Mevinphos	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Naled	30	500	<LOQ	Oxamyl	30	500	<LOQ
Paclobutrazol	30	100	<LOQ	Pentachloronitrobenzene	10	200	<LOQ
Permethrin	30	1000	<LOQ	Phosmet	30	200	<LOQ
Piperonylbutoxide	30	3000	<LOQ	Prallethrin	30	400	<LOQ
Propiconazole	30	1000	<LOQ	Propoxur	30	100	<LOQ
Pyrethrins	30	1000	<LOQ	Pyridaben	30	3000	<LOQ
Spinetoram	10	3000	<LOQ	Spinosad	30	3000	<LOQ
Spiromesifen	30	3000	<LOQ	Spirotetramat	30	3000	<LOQ
Spiroxamine	30	100	<LOQ	Tebuconazole	30	1000	<LOQ
Thiacloprid	30	100	<LOQ	Thiamethoxam	30	1000	<LOQ
Trifloxystrobin	30	3000	<LOQ	Total Contaminant Load (TCL)	None Detected		

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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721 Cortaro Dr.
Sun City Center, FL 33573

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

Feals 600
Sample Matrix: CBD/HEMP Derivative Products (Ingestion)

Certificate of Analysis

Compliance Test

Feals INC

Batch # 20111A
Batch Date: 2020-11-30
Extracted From: Hemp

Test Reg State: Florida

Order # FEA201202-010027
Order Date: 2020-12-02
Sample # AAAU283

Sampling Date: 2020-12-10
Lab Batch Date: 2020-12-10
Completion Date: 2020-12-17

Initial Gross Weight: 14.492 g

Additional Pesticides

Passed
(LCMS/MS)

Specimen Weight: N/A

Analyte	LOQ (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Result (ppb)
Diquat	24	<LOQ	Glyphosate	24	<LOQ
Paraquat	24	<LOQ	Total Contaminant Load (TCL)	None Detected	

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Feals 600
Sample Matrix: CBD/HEMP Derivative Products (Ingestion)

Certificate of Analysis

Compliance Test

Feals INC

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Test Reg State: Florida

Order # FEA201202-010027
Order Date: 2020-12-02
Sample # AAAU283

Sampling Date: 2020-12-10
Lab Batch Date: 2020-12-10
Completion Date: 2020-12-17

Initial Gross Weight: 14.492 g

Residual Solvents (CBD)

Passed
(GC/GCMS)

Specimen Weight: 10.000 mg

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	<LOQ
Acetone	2.08	5000	<LOQ
Benzene	0.02	2	<LOQ
Chloroform	0.04	60	<LOQ
Ethyl Acetate	1.11	5000	<LOQ
Ethylene Oxide	0.1	5	<LOQ
Hexane	1.17	290	<LOQ
Methanol	0.69	3000	<LOQ
Pentane	2.08	5000	<LOQ
Toluene	2.92	890	<LOQ
Trichloroethylene	0.49	80	<LOQ

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,2-dichloroethane	0.04	5	<LOQ
Acetonitrile	1.17	410	<LOQ
Butanes	2.5	2000	<LOQ
Ethanol	2.78	5000	<LOQ
Ethyl Ether	1.39	5000	<LOQ
Heptane	1.39	5000	<LOQ
Isopropyl alcohol	1.39	500	<LOQ
Methylene chloride	2.43	600	<LOQ
Propane	5.83	2100	<LOQ
Total Xylenes	2.92	2170	<LOQ

Water Activity

Tested
(Water Activity Analyzer)

Specimen Weight: N/A **Dilution Factor: 1.000**

Analyte	Result (aw)
Water Activity	0.267

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
Lab Director/Principal Scientist
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Feals 600
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Certificate of Analysis

Compliance Test

Feals INC

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Batch Date: 2020-11-30
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Test Reg State: Florida

Order # FEA201202-010027
Order Date: 2020-12-02
Sample # AAAU283

Sampling Date: 2020-12-10
Lab Batch Date: 2020-12-10
Completion Date: 2020-12-17

Initial Gross Weight: 14.492 g

Listeria Monocytogenes

Passed (qPCR)

Specimen Weight: 1026.160 mg

Dilution Factor: 1.000

Analyte	Result
Listeria Monocytogenes	Absence in 1g

Pathogenic SE (qPCR)

Passed (qPCR)

Specimen Weight: 224.300 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
E.Coli	Absence	Salmonella	Absence

Filth and Foreign Material

Passed (Visual/Microscope)

Specimen Weight: N/A **Dilution Factor: 1.000**

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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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 + CBG 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 Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

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