Feals 2400mg 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: 21093A

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.

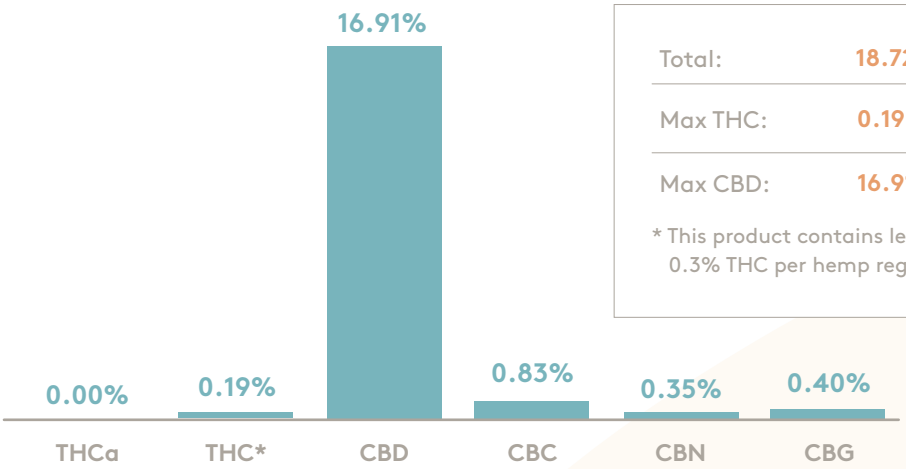
- All previous tests taken one last time

Pesticide Test: PASS

Heavy Metals Test: PASS

Microbiology Test: PASS

Cannabinoid Profile & Potency



Total:	18.72 wt%
Max THC:	0.19 wt%*
Max CBD:	16.91 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

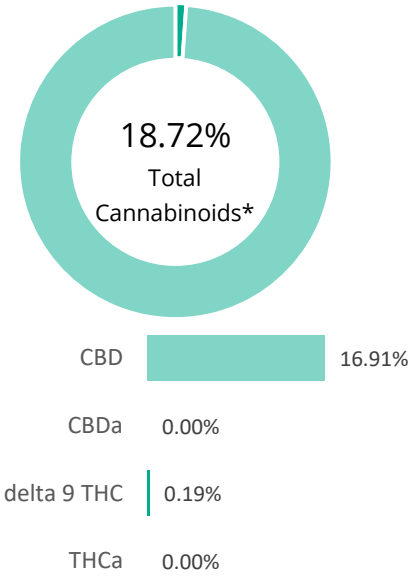
CERTIFICATE OF ANALYSIS

prepared for: Feals, Inc.

Feals 2400

Batch ID:	21093A	**Test ID:**	T000163306
Type:	Concentrate	**Submitted:**	09/23/2021 @ 09:52 AM
Test:	Potency	**Started:**	9/24/2021
Method:	TM14 (HPLC-DAD)	**Reported:**	9/27/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.05	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	0.19	1.9
Cannabidiolic acid (CBDA)	0.06	ND	ND
Cannabidiol (CBD)	0.06	16.91	169.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.06	ND	ND
Cannabinolic Acid (CBNA)	0.03	ND	ND
Cannabinol (CBN)	0.01	0.35	3.5
Cannabigerolic acid (CBGA)	0.05	ND	ND
Cannabigerol (CBG)	0.01	0.40	4.0
Tetrahydrocannabivarinic Acid (THCVA)	0.04	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.02	ND	ND
Cannabidivarin (CBDV)	0.01	0.04	0.4
Cannabichromenic Acid (CBCA)	0.02	ND	ND
Cannabichromene (CBC)	0.02	0.83	8.3
Total Cannabinoids		**18.72**	**187.2**
Total Potential THC**		0.19	1.9
Total Potential CBD**		16.91	169.1

% = % (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)

NOTES:
N/A

FINAL APPROVAL

Sam Smith
27-Sep-2021
4:29 PM
PREPARED BY / DATE

Daniel Weidensaul
27-Sep-2021
4:34 PM
APPROVED BY / DATE

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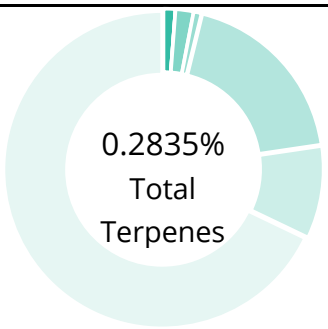
CERTIFICATE OF ANALYSIS

prepared for: Feals, Inc.

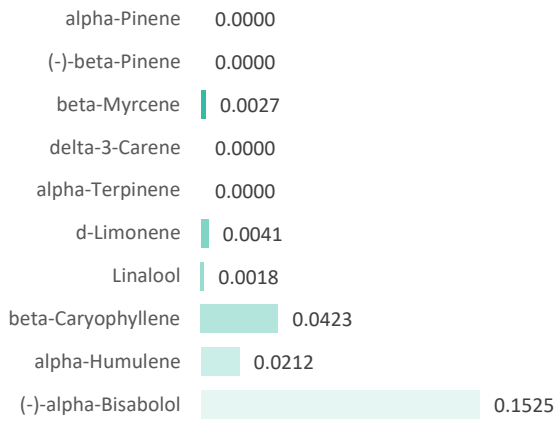
Feals 2400

Batch ID:	21093A	**Test ID:**	T000163307
Type:	Concentrate	**Submitted:**	09/23/2021 @ 09:52 AM
Test:	Terpenes	**Started:**	9/24/2021
Method:	TM22 (GC-MS)	**Reported:**	9/29/2021

TERPENE PROFILE



PREDOMINANT TERPENES



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.1525	1.525
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0423	0.423
(-)-Caryophyllene Oxide	0.0508	0.508
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0212	0.212
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0041	0.041
Linalool	0.0018	0.018
beta-Myrcene	0.0027	0.027
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0066	0.066
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	0.0015	0.015
	0.2835	**2.835**

NOTES:

N/A

FINAL APPROVAL

Daniel Weidensaul
29-Sep-2021
2:45 PM

PREPARED BY / DATE

Ryan Weems
29-Sep-2021
2:47 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: FEALS, INC.

Feals 2400

Batch ID:	21093A	**Test ID:**	T000163309
Matrix:	Finished Product	**Received:**	09/23/2021 @ 09:52 AM
Test:	Microbial Contaminants	**Started:**	9/23/2021
Method:	TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	**Reported:**	9/27/2021

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26 Culture Plating	10^2 CFU/g	10^3 CFU/g	1.5x10^5 CFU/g	**None Detected**
Total Coliforms*	TM-27 Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	**None Detected**
Total Yeast and Molds*	TM-24 Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	**None Detected**
E. coli	TM-28 Culture Plating	1 CFU/g	NA	NA	**Absent**
***E. coli* (STEC)**	TM-25 PCR	1 CFU/g	NA	NA	**Absent**
Salmonella	TM-25 PCR	1 CFU/g	NA	NA	**Absent**

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.*

Examples: 10^2 = 100 CFU
10^3 = 1,000 CFU
10^4 = 10,000 CFU
10^5 = 100,000 CFU

NOTES:

Free from visual mold, mildew, and foreign matter

DEFINITIONS:

CFU/g = Colony Forming Units per Gram.
LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation
LLOQ = Lower Limit of Quantitation

FINAL APPROVAL

Brianne Maillot
9/27/2021
2:44:00 PM

PREPARED BY / DATE

Tori King
9/27/2021
4:00:00 PM

APPROVED BY / DATE

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Certificate #4329.03

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CERTIFICATE OF ANALYSIS

Prepared for:

Feals 2400

Feals, Inc.

Batch ID or Lot Number:	Test:	Reported:
21093A	**Pesticides**	**9/29/21**

Matrix:	Test ID:	Started:	USDA License:
Concentrate	t000163308	9/28/21	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM17(LC-QQQ LC MS/MS):	09/23/2021 @ 09:52 AM	N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	41	ND	**Fenoxycarb**	42	ND	**Paclobutrazol**	42	ND
Acetamiprid	40	ND	**Fipronil**	33	ND	**Permethrin**	287	ND
Avermectin	316	ND	**Flonicamid**	51	ND	**Phosmet**	43	ND
Azoxystrobin	43	ND	**Fludioxonil**	295	ND	**Prophos**	293	ND
Bifenazate	46	ND	**Hexythiazox**	47	ND	**Propoxur**	41	ND
Boscalid	54	ND	**Imazalil**	284	ND	**Pyridaben**	298	ND
Carbaryl	39	ND	**Imidacloprid**	42	ND	**Spinosad A**	35	ND
Carbofuran	41	ND	**Kresoxim-methyl**	150	ND	**Spinosad D**	54	ND
Chlorantraniliprole	53	ND	**Malathion**	299	ND	**Spiromesifen**	272	ND
Chlorpyrifos	500	ND	**Metalaxyl**	43	ND	**Spirotetramat**	305	ND
Clofentezine	285	ND	**Methiocarb**	42	ND	**Spiroxamine 1**	18	ND
Diazinon	290	ND	**Methomyl**	44	ND	**Spiroxamine 2**	24	ND
Dichlorvos	290	ND	**MGK 264 1**	160	ND	**Tebuconazole**	290	ND
Dimethoate	42	ND	**MGK 264 2**	136	ND	**Thiacloprid**	41	ND
E-Fenpyroximate	317	ND	**Myclobutanil**	40	ND	**Thiamethoxam**	43	ND
Etofenprox	44	ND	**Naled**	44	ND	**Trifloxystrobin**	43	ND
Etoxazole	307	ND	**Oxamyl**	1500	ND			

Samantha Smith

Sam Smith
9/29/2021
5:13:00 PM

PREPARED BY / DATE

Courtney Richards

Courtney Richards
9/29/2021
7:12:00 PM

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
ppb = Parts per Billion

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CERTIFICATE OF ANALYSIS

Prepared for:

Feals 2400

Feals, Inc.

Batch ID or Lot Number:	Test:	Reported:
21093A	**Residual Solvents**	**9/27/21**

Matrix:	Test ID:	Started:	USDA License:
N/A	T000163311	9/27/21	N/A

Status:	Methods:	Received:	Sampler ID:
N/A	TM04 (GC-MS): Residual Solvents	09/23/2021 @ 09:52 AM	N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	69 - 1378	*ND
Butanes (Isobutane, n-Butane)	135 - 2708	*ND
Methanol	55 - 1106	*ND
Pentane	76 - 1526	*ND
Ethanol	84 - 1684	*ND
Acetone	88 - 1750	*ND
Isopropyl Alcohol	95 - 1909	*ND
Hexane	5 - 106	*ND
Ethyl Acetate	88 - 1766	*ND
Benzene	0 - 4	*ND
Heptanes	84 - 1686	*ND
Toluene	16 - 320	*ND
Xylenes (m,p,o-Xylenes)	116 - 2326	*ND

Notes

Hannah Wright
27-Sep-21
6:32 PM

PREPARED BY / DATE

Ryan Weems
27-Sep-21
6:35 PM

APPROVED BY / DATE

Definitions

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

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CERTIFICATE OF ANALYSIS

Prepared for:

Feals 2400

Feals, Inc.

Batch ID or Lot Number:	Test:	Reported:
21093A	**Metals**	**9/28/21**

Matrix:	Test ID:	Started:	USDA License:
Unit	T000163310	9/27/21	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM19 (ICP-MS): Heavy Metals	09/23/2021 @ 09:52 AM	N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.048 - 4.81	ND
Cadmium	0.049 - 4.89	ND
Mercury	0.046 - 4.57	ND
Lead	0.048 - 4.85	ND

Notes

0

Ryan Weems
28-Sep-21
1:31 PM

PREPARED BY / DATE

Sam Smith
28-Sep-21
1:59 PM

APPROVED BY / DATE

Definitions

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

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CERTIFICATE OF ANALYSIS

Prepared for:

Feals 2400

Feals, Inc.

Batch ID or Lot Number:	Test:	Reported:
21093A	**Mycotoxins**	**9/27/21**

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000163312	9/24/21	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	09/23/2021 @ 09:52 AM	N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)
Ochratoxin A	3.8 - 122.8	ND
Aflatoxin B1	1.2 - 31.4	ND
Aflatoxin B2	1.1 - 31.2	ND
Aflatoxin G1	0.9 - 30.2	ND
Aflatoxin G2	1.2 - 30.4	ND
Total Aflatoxins (B1, B2, G1, and G2)		ND

Notes

N/A

Sam Smith
27-Sep-21
8:43 AM

PREPARED BY / DATE

Alex Smith
27-Sep-21
3:02 PM

APPROVED BY / DATE

Definitions

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

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