

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: 21111A

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 CO₂ 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.

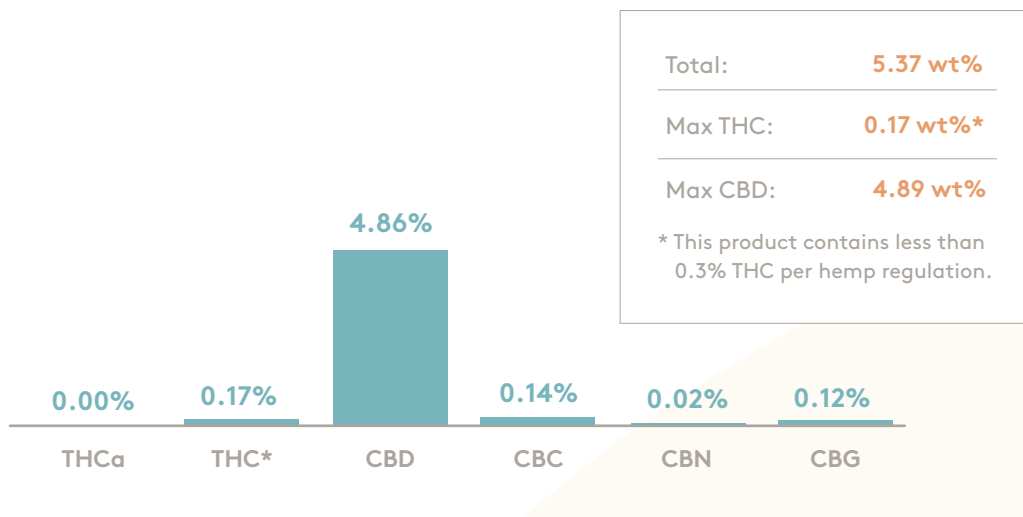
- ✓ All previous tests taken one last time

Pesticide Test: ✓ PASS

Heavy Metals Test: ✓ PASS

Microbiology Test: ✓ PASS

Cannabinoid Profile & Potency




Prepared for:

Feals 600
Feals, Inc.

Batch ID or Lot Number: 21111A	Test: Potency	Reported: 12/30/21	
Matrix: Concentrate	Test ID: T000180881	Started: 12/29/21	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis (Colorado Panel)	Received: 12/28/2021 @ 09:55 AM	Sampler ID: N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.014	0.046	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.016	0.051	0.171	1.71	
Cannabidiolic acid (CBDA)	0.017	0.060	0.028*	0.28*	
Cannabidiol (CBD)	0.016	0.058	4.863	48.63	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.017	0.057	ND	ND	
Cannabinolic Acid (CBNA)	0.010	0.032	ND	ND	
Cannabinol (CBN)	0.005	0.015	0.023	0.23	
Cannabigerolic acid (CBGA)	0.014	0.047	ND	ND	
Cannabigerol (CBG)	0.003	0.011	0.115	1.15	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.040	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	0.004*	0.04*	
Cannabidivarinic Acid (CBDVA)	0.007	0.025	ND	ND	
Cannabidivarin (CBDV)	0.004	0.014	0.026	0.26	
Cannabichromenic Acid (CBCA)	0.006	0.018	ND	ND	
Cannabichromene (CBC)	0.006	0.020	0.142	1.42	
Total Cannabinoids			5.372	53.72	
Total Potential THC**			0.171	1.71	
Total Potential CBD**			4.888	48.88	


 Sam Smith
 30-Dec-2021
 12:19 PM

PREPARED BY / DATE


 Karen Winternheimer
 30-Dec-21
 12:23 PM

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

** 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))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

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

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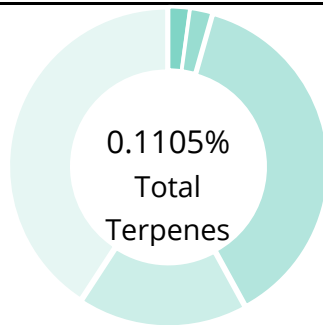


Certificate #4329.02

Feals 600

Batch ID:	21111A	Test ID:	T000180882
Type:	Concentrate	Submitted:	12/28/2021 @ 09:55 AM
Test:	Terpenes	Started:	12/29/2021
Method:	TM22 (GC-MS)	Reported:	12/30/2021

TERPENE PROFILE



PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0000
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0023
Linalool	0.0024
beta-Caryophyllene	0.0401
alpha-Humulene	0.0183
(-)-alpha-Bisabolol	0.0435


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0435	0.435
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0401	0.401
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0183	0.183
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0023	0.023
Linalool	0.0024	0.024
beta-Myrcene	0.0000	0.000
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0039	0.039
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	0.0000	0.000
Total	0.1105	1.105

NOTES:

N/A

FINAL APPROVAL


 Rvan Weems
 30-Dec-2021
 12:07 PM


 Courtney Richards
 30-Dec-2021
 12:22 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

Prepared for:

Feals 600
Feals, Inc.


Batch ID or Lot Number: 21111A	Test: Microbial Contaminants	Reported: 1/3/22	
Matrix: Finished Product	Test ID: T000180884	Started: 12/28/21	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 12/28/2021 @ 09:55 AM	Sampler ID: N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	


 Jackson Osaghae-Nosa
 12/31/2021
 12:26:00 PM

PREPARED BY / DATE


 Sarah Henning
 1/3/2022
 9:30:00 AM

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

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

Examples:
 10² = 100 CFU
 10³ = 1,000 CFU
 10⁴ = 10,000 CFU
 10⁵ = 100,000 CFU

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Prepared for:

Feals 600**Feals, Inc.**


Batch ID or Lot Number: **21111A** Test: **Pesticides** Reported: **1/4/22**

Matrix: Concentrate Test ID: T000180883 Started: 1/3/22 USDA License: N/A

Status: N/A Method: TM17(LC-QQQ LC MS/MS): Received: 12/28/2021 @ 09:55 AM Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	75	ND	Fenoxycarb	54	ND	Paclobutrazol	58	ND
Acetamiprid	53	ND	Fipronil	52	ND	Permethrin	304	ND
Avermectin	385	ND	Flonicamid	65	ND	Phosmet	54	ND
Azoxystrobin	141	ND	Fludioxonil	370	ND	Prophos	268	ND
Bifenazate	68	ND	Hexythiazox	117	ND	Propoxur	53	ND
Boscalid	219	ND	Imazalil	288	ND	Pyridaben	296	ND
Carbaryl	57	ND	Imidacloprid	59	ND	Spinosad A	43	ND
Carbofuran	53	ND	Kresoxim-methyl	150	ND	Spinosad D	61	ND
Chlorantraniliprole	112	ND	Malathion	282	ND	Spiromesifen	473	ND
Chlorpyrifos	500	ND	Metalaxyl	60	ND	Spirotetramat	579	ND
Clofentezine	270	ND	Methiocarb	52	ND	Spiroxamine 1	9	ND
Diazinon	345	ND	Methomyl	75	ND	Spiroxamine 2	20	ND
Dichlorvos	305	ND	MGK 264 1	231	ND	Tebuconazole	288	ND
Dimethoate	54	ND	MGK 264 2	167	ND	Thiacloprid	53	ND
E-Fenpyroximate	370	ND	Myclobutanil	53	ND	Thiamethoxam	58	ND
Etofenprox	55	ND	Naled	64	ND	Trifloxystrobin	72	ND
Etoxazole	376	ND	Oxamyl	1500	ND			

 Daniel Weidensaul
1/4/2022
1:16:00 PM

PREPARED BY / DATE

 Karen Winternheimer
1/4/2022
1:20:00 PM

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
ppb = Parts per Billion

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Prepared for:

Feals 600**Feals, Inc.**


Batch ID or Lot Number: 21111A	Test: Metals	Reported: 1/3/22
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Matrix: Unit Co	Test ID: T000180885	Started: 12/30/21	USDA License: N/A
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Status: N/A	Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel)	Received: 12/28/2021 @ 09:55 AM	Sampler ID: N/A
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HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.046 - 4.59	ND	
Cadmium	0.047 - 4.70	ND	
Mercury	0.048 - 4.82	ND	
Lead	0.048 - 4.83	ND	

 Daniel Weidensaul
3-Jan-22
10:24 AM

PREPARED BY / DATE

 Ryan Weems
3-Jan-22
10:29 AM

APPROVED BY / DATE

Definitions

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

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Prepared for:

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Batch ID or Lot Number: 21111A	Test: Residual Solvents	Reported: 12/30/21	
Matrix: N/A	Test ID: T000180886	Started: 12/29/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel)	Received: 12/28/2021 @ 09:55 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	61 - 1226	*ND	
Butanes (Isobutane, n-Butane)	124 - 2471	*ND	
Methanol	54 - 1085	*ND	
Pentane	65 - 1305	*ND	
Ethanol	94 - 1874	*ND	
Acetone	80 - 1600	*ND	
Isopropyl Alcohol	92 - 1846	*ND	
Hexane	5 - 94	*ND	
Ethyl Acetate	86 - 1712	*ND	
Benzene	0.2 - 3.6	*ND	
Heptanes	75 - 1509	*ND	
Toluene	17 - 346	*ND	
Xylenes (m,p,o-Xylenes)	150 - 3009	*ND	


 Hannah Wright
 30-Dec-21
 12:50 PM

PREPARED BY / DATE


 Ryan Weems
 30-Dec-21
 12:58 PM

APPROVED BY / DATE

Definitions

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

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Prepared for:

Feals 600**Feals, Inc.**Batch ID or Lot Number:
21111ATest:
MycotoxinsReported:
12/30/21Matrix:
ConcentrateTest ID:
T000180887Started:
12/29/21USDA License:
N/AStatus:
N/AMethod:
TM18 (UHPLC-QQQ LCMS/MS):
Mycotoxins (Colorado Panel)Received:
12/28/2021 @ 09:55 AMSampler ID:
N/A**MYCOTOXIN DETERMINATION**

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.5 - 134.2	ND	N/A
Aflatoxin B1	1 - 33.4	ND	
Aflatoxin B2	1 - 33.3	ND	
Aflatoxin G1	1 - 33.4	ND	
Aflatoxin G2	1.1 - 32.8	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Ryan Weems
30-Dec-21
3:01 PM

PREPARED BY / DATE

Sam Smith
30-Dec-21
3:12 PM

APPROVED BY / DATE

Definitions

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

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