

# 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: 23021A

## 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<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

## 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.

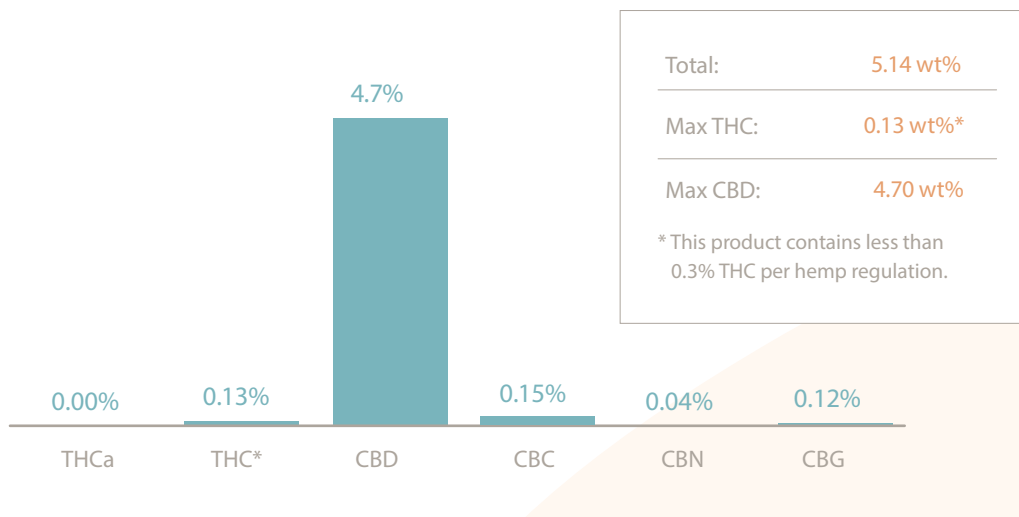
- ✓ All previous tests taken one last time

**Pesticide Test:** ✓ PASS

**Heavy Metals Test:** ✓ PASS

**Microbiology Test:** ✓ PASS

## Cannabinoid Profile & Potency



# CERTIFICATE OF ANALYSIS

Prepared for:

**Feals, Inc.**

1615 Platte St., Ste. 200  
Denver, CO USA 80202

## Feals 600

Batch ID or Lot Number: <b>23021A</b>	Test: <b>Potency</b>	Reported: <b>20Feb2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000235837	Started: 17Feb2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 16Feb2023	Status: Active

## Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.007	0.023	0.148	1.48	
Cannabichromenic Acid (CBCA)	0.006	0.021	ND	ND	
Cannabidiol (CBD)	0.019	0.057	4.734	47.34	
Cannabidiolic Acid (CBDA)	0.020	0.058	ND	ND	
Cannabidivarin (CBDV)	0.005	0.013	0.019	0.19	
Cannabidivarinic Acid (CBDVA)	0.008	0.024	ND	ND	
Cannabigerol (CBG)	0.004	0.013	0.115	1.15	
Cannabigerolic Acid (CBGA)	0.016	0.054	ND	ND	
Cannabinol (CBN)	0.005	0.017	0.036	0.36	
Cannabinolic Acid (CBNA)	0.011	0.037	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.020	0.064	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.018	0.058	0.132	1.32	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.016	0.051	<LOQ	<LOQ	
Tetrahydrocannabivarin (THCV)	0.004	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.045	ND	ND	
<b>Total Cannabinoids</b>			<b>5.184</b>	<b>51.84</b>	
Total Potential THC			0.158	1.58	
Total Potential CBD			4.734	47.34	

## Final Approval



Karen Winternheimer  
20Feb2023  
12:28:00 PM MST

PREPARED BY / DATE



Sam Smith  
20Feb2023  
12:40:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/cbd9ddd4-53f7-4d19-bd6c-3810ed367924>

### Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).  
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential  
Delta 9-THC = Delta 9-THC + (Delta 9-THCa \*(0.877)) and Total CBD = CBD + (CBDA \*(0.877)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02

CDPHE Certified

cbd9ddd453f74d19bd6c3810ed367924.1

# CERTIFICATE OF ANALYSIS

Prepared for:

**Feals, Inc.**

1615 Platte St., Ste. 200  
Denver, CO USA 80202


## Feals 600

Batch ID or Lot Number: <b>23021A</b>	Test: <b>Heavy Metals</b>	Reported: <b>23Feb2023</b>	USDA License: NA
Matrix: Unit Co	Test ID: T000235841	Started: 20Feb2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 16Feb2023	Status: NA

## Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 5.11	ND	
Cadmium	0.05 - 4.94	ND	
Mercury	0.04 - 4.39	ND	
Lead	0.04 - 4.02	ND	

## Final Approval



Sam Smith  
23Feb2023  
03:06:00 PM MST

PREPARED BY / DATE



Karen Winternheimer  
23Feb2023  
03:13:00 PM MST

APPROVED BY / DATE



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### Definitions

ND = None Detected (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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# CERTIFICATE OF ANALYSIS

Prepared for:  
**Feals, Inc.**

1615 Platte St., Ste. 200  
Denver, CO USA 80202

## Feals 600

Batch ID or Lot Number: <b>23021A</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>20Feb2023</b>	USDA License: N/A
Matrix: Finished Product	Test ID: T000235840	Started: 16Feb2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 16Feb2023	Status: Active

## Microbial

### Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

## Final Approval



Brianne Maillot  
20Feb2023  
05:21:00 PM MST

PREPARED BY / DATE



Eden Thompson-Wright  
20Feb2023  
10:15:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/3c91a7fe-c2c9-4284-8038-cdae79352448>

### Definitions

\* 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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 100,000 CFU  
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection  
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation  
STEC = Shiga Toxin-Producing E. coli

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Prepared for:  
**Feals, Inc.**

1615 Platte St., Ste. 200  
Denver, CO USA 80202


## Feals 600

Batch ID or Lot Number: <b>23021A</b>	Test: <b>Mycotoxins</b>	Reported: <b>23Feb2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000235843	Started: 21Feb2023	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 16Feb2023	Status: Active

## Mycotoxins

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.26 - 134.84	ND	N/A
Aflatoxin B1	0.94 - 33.24	ND	
Aflatoxin B2	0.98 - 33.27	ND	
Aflatoxin G1	1.04 - 33.30	ND	
Aflatoxin G2	1.08 - 33.79	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

## Final Approval



Sam Smith  
23Feb2023  
07:44:00 AM MST

PREPARED BY / DATE



Karen Winternheimer  
23Feb2023  
07:50:00 AM MST

APPROVED BY / DATE



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### Definitions

ND = None Detected (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:  
**Feals, Inc.**

1615 Platte St., Ste. 200  
Denver, CO USA 80202

## Feals 600

Batch ID or Lot Number: <b>23021A</b>	Test: <b>Pesticides</b>	Reported: <b>17Feb2023</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000235839	Started: 16Feb2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 16Feb2023	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	297 - 2792	ND	Malathion	302 - 2702	ND
Acephate	41 - 2796	ND	Metalaxyl	41 - 2735	ND
Acetamiprid	44 - 2777	ND	Methiocarb	42 - 2747	ND
Azoxystrobin	45 - 2726	ND	Methomyl	40 - 2767	ND
Bifenazate	41 - 2722	ND	MGK 264 1	169 - 1608	ND
Boscalid	41 - 2792	ND	MGK 264 2	110 - 1130	ND
Carbaryl	41 - 2718	ND	Myclobutanil	40 - 2752	ND
Carbofuran	45 - 2698	ND	Naled	44 - 2720	ND
Chlorantraniliprole	41 - 2742	ND	Oxamyl	43 - 2765	ND
Chlorpyrifos	38 - 2737	ND	Pacllobutrazol	44 - 2698	ND
Clofentezine	273 - 2731	ND	Permethrin	288 - 2744	ND
Diazinon	291 - 2730	ND	Phosmet	42 - 2720	ND
Dichlorvos	263 - 2800	ND	Prophos	295 - 2742	ND
Dimethoate	41 - 2748	ND	Propoxur	44 - 2713	ND
E-Fenpyroximate	294 - 2737	ND	Pyridaben	310 - 2696	ND
Etofenprox	44 - 2698	ND	Spinosad A	35 - 2226	ND
Etoxazole	309 - 2713	ND	Spinosad D	52 - 493	ND
Fenoxycarb	45 - 2730	ND	Spiromesifen	285 - 2749	ND
Fipronil	42 - 2729	ND	Spirotetramat	289 - 2741	ND
Flonicamid	50 - 2770	ND	Spiroxamine 1	18 - 1159	ND
Fludioxonil	307 - 2813	ND	Spiroxamine 2	4 - 1599	ND
Hexythiazox	42 - 2732	ND	Tebuconazole	289 - 2696	ND
Imazalil	291 - 2750	ND	Thiacloprid	43 - 2750	ND
Imidacloprid	43 - 2771	ND	Thiamethoxam	41 - 2792	ND
Kresoxim-methyl	40 - 2749	ND	Trifloxystrobin	46 - 2706	ND

## Final Approval



Karen Winternheimer  
17Feb2023  
01:56:00 PM MST

PREPARED BY / DATE



Sam Smith  
17Feb2023  
01:59:00 PM MST

APPROVED BY / DATE



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### Definitions

ND = None Detected (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range  
ppb = Parts Per Billion

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Prepared for:  
**Feals, Inc.**


1615 Platte St., Ste. 200  
Denver, CO USA 80202

## Feals 600

Batch ID or Lot Number: <b>23021A</b>	Test: <b>Residual Solvents</b>	Reported: <b>19Feb2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000235842	Started: 17Feb2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 16Feb2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	104 - 2087	ND	
Butanes (Isobutane, n-Butane)	216 - 4315	ND	
Methanol	66 - 1321	ND	
Pentane	107 - 2132	ND	
Ethanol	104 - 2080	ND	
Acetone	105 - 2100	ND	
Isopropyl Alcohol	107 - 2135	ND	
Hexane	6 - 128	ND	
Ethyl Acetate	109 - 2187	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	105 - 2091	ND	
Toluene	19 - 379	ND	
Xylenes (m,p,o-Xylenes)	140 - 2803	ND	

## Final Approval



Karen Winternheimer  
19Feb2023  
08:55:00 AM MST

PREPARED BY / DATE



Sam Smith  
19Feb2023  
08:58:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/70f49740-8a0d-4713-8196-ee8a0950df95>

### Definitions

ND = None Detected (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:

**Feals, Inc.**

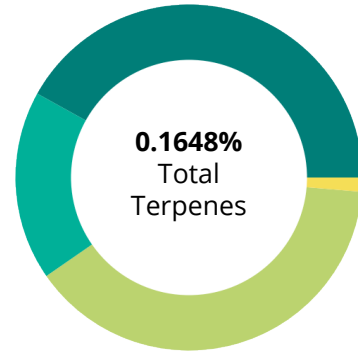
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Denver, CO USA 80202

## Feals 600

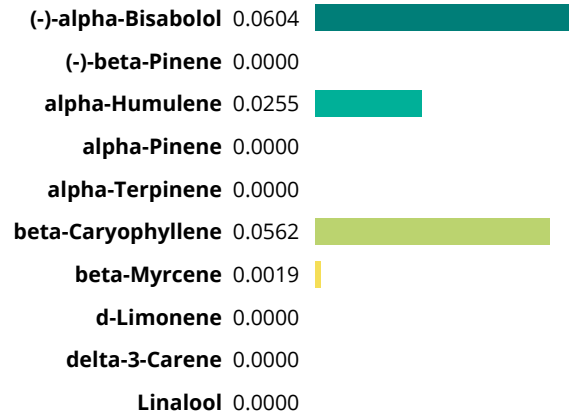
Batch ID or Lot Number: <b>23021A</b>	Test: <b>Terpenes</b>	Reported: <b>23Feb2023</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000235838	Started: 22Feb2023	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 16Feb2023	Status: NA

### Terpenes

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0604	0.604
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0183	0.183
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0255	0.255
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0562	0.562
beta-Myrcene	0.0019	0.019
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0025	0.025
	<b>0.1648</b>	<b>1.6480</b>



#### PREDOMINANT TERPENES



#### Notes

### Final Approval



PREPARED BY / DATE

Karen Winternheimer  
23Feb2023  
03:27:00 PM MST



APPROVED BY / DATE

Sam Smith  
23Feb2023  
03:31:00 PM MST



<https://results.botanacor.com/api/v1/coas/uuid/e9dca3a3-1486-4ac7-b5e9-bfee49b2e682>

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