

# 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: 23042A

## 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.

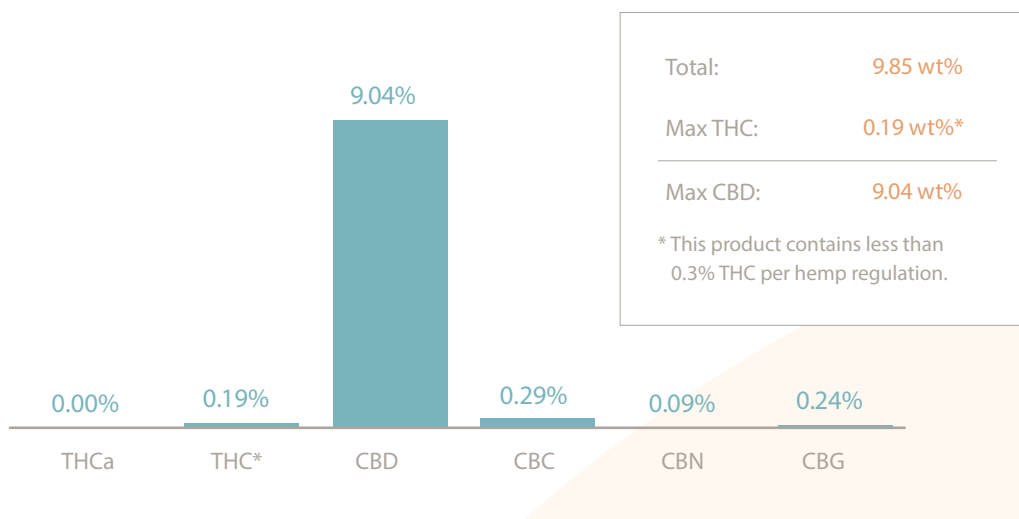
- ✓ All previous tests taken one last time

**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 1200

Batch ID or Lot Number: <b>23042A</b>	Test: <b>Potency</b>	Reported: <b>05May2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000241578	Started: 04May2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 03May2023	Status: Active

## Cannabinoids


	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.007	0.021	0.297	2.97	
Cannabichromenic Acid (CBCA)	0.007	0.019	ND	ND	
Cannabidiol (CBD)	0.020	0.053	9.048	90.48	
Cannabidiolic Acid (CBDA)	0.020	0.055	ND	ND	
Cannabidivarin (CBDV)	0.005	0.013	0.059	0.59	
Cannabidivarinic Acid (CBDVA)	0.009	0.023	ND	ND	
Cannabigerol (CBG)	0.004	0.012	0.243	2.43	
Cannabigerolic Acid (CBGA)	0.017	0.049	ND	ND	
Cannabinol (CBN)	0.005	0.015	0.096	0.96	
Cannabinolic Acid (CBNA)	0.012	0.033	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.021	0.058	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.019	0.053	0.199	1.99	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.017	0.047	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.015	0.041	ND	ND	
<b>Total Cannabinoids</b>			<b>9.942</b>	<b>99.42</b>	
Total Potential THC			0.199	1.99	
Total Potential CBD			9.048	90.48	

## Final Approval



Karen Winternheimer  
05May2023  
09:31:00 AM MDT

PREPARED BY / DATE



Sam Smith  
05May2023  
09:33:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7b524171-983a-4f3e-98b8-ba5e396fcf0c>

### 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  
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# CERTIFICATE OF ANALYSIS

Prepared for:

**Feals, Inc.**

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


## Feals 1200

Batch ID or Lot Number: <b>23042A</b>	Test: <b>Heavy Metals</b>	Reported: <b>05May2023</b>	USDA License: NA
Matrix: Unit Co	Test ID: T000241582	Started: 05May2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 03May2023	Status: NA

## Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.82	ND	
Cadmium	0.05 - 4.65	ND	
Mercury	0.05 - 4.67	ND	
Lead	0.01 - 1.47	ND	

## Final Approval



Sam Smith  
05May2023  
12:10:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer  
05May2023  
12:14:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/d94d758c-b43d-4d2d-833d-3bd824d0d0b5>

### 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 1200

Batch ID or Lot Number: <b>23042A</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>08May2023</b>	USDA License: N/A
Matrix: Finished Product	Test ID: T000241581	Started: 03May2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 03May2023	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



Eden Thompson-Wright  
06May2023  
11:37:00 AM MDT



Brett Hudson  
08May2023  
02:38:00 PM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/81abfcc0-9dfd-48a7-98ab-e6ff1c61a605>

### 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 1200

Batch ID or Lot Number: <b>23042A</b>	Test: <b>Mycotoxins</b>	Reported: <b>10May2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000241584	Started: 09May2023	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 03May2023	Status: Active

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.62 - 122.01	ND	N/A
Aflatoxin B1	1.02 - 32.04	ND	
Aflatoxin B2	0.95 - 31.85	ND	
Aflatoxin G1	1.14 - 31.76	ND	
Aflatoxin G2	1.11 - 32.11	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

## Final Approval



Sam Smith  
10May2023  
03:13:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer  
10May2023  
03:15:00 PM MDT

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 1200

Batch ID or Lot Number: <b>23042A</b>	Test: <b>Pesticides</b>	Reported: <b>05May2023</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000241580	Started: 04May2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 03May2023	Status: NA

## Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	357 - 3481	ND
Acephate	68 - 2750	ND
Acetamiprid	46 - 2854	ND
Azoxystrobin	44 - 2716	ND
Bifenazate	37 - 2690	ND
Boscalid	47 - 2701	ND
Carbaryl	39 - 2777	ND
Carbofuran	44 - 2766	ND
Chlorantraniliprole	48 - 2676	ND
Chlorpyrifos	38 - 2918	ND
Clofentezine	297 - 2744	ND
Diazinon	282 - 2764	ND
Dichlorvos	369 - 2754	ND
Dimethoate	51 - 2873	ND
E-Fenpyroximate	291 - 2742	ND
Etofenprox	41 - 2846	ND
Etoxazole	284 - 2909	ND
Fenoxycarb	2 - 2719	ND
Fipronil	56 - 2573	ND
Flonicamid	45 - 2849	ND
Fludioxonil	313 - 2758	ND
Hexythiazox	40 - 2748	ND
Imazalil	284 - 2789	ND
Imidacloprid	37 - 2793	ND
Kresoxim-methyl	39 - 2799	ND

Pesticides	Dynamic Range (ppb)	Result (ppb)
Malathion	300 - 2788	ND
Metalaxyl	44 - 2763	ND
Methiocarb	50 - 2812	ND
Methomyl	49 - 2924	ND
MGK 264 1	189 - 1720	ND
MGK 264 2	122 - 1074	ND
Myclobutanil	49 - 2745	ND
Naled	47 - 2797	ND
Oxamyl	50 - 2938	ND
Paclobotrazol	38 - 2635	ND
Permethrin	279 - 2800	ND
Phosmet	42 - 2709	ND
Prophos	290 - 2836	ND
Propoxur	43 - 2770	ND
Pyridaben	286 - 2813	ND
Spinosad A	32 - 2061	ND
Spinosad D	64 - 700	ND
Spiromesifen	316 - 2739	ND
Spirotetramat	285 - 2660	ND
Spiroxamine 1	20 - 1229	ND
Spiroxamine 2	27 - 1592	ND
Tebuconazole	297 - 2618	ND
Thiacloprid	46 - 2805	ND
Thiamethoxam	42 - 2840	ND
Trifloxystrobin	44 - 2739	ND

## Final Approval



Karen Winternheimer  
05May2023  
12:31:00 PM MDT

PREPARED BY / DATE



Sam Smith  
05May2023  
12:33:00 PM MDT

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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# CERTIFICATE OF ANALYSIS

Prepared for:

**Feals, Inc.**


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

## Feals 1200

Batch ID or Lot Number: <b>23042A</b>	Test: <b>Residual Solvents</b>	Reported: <b>04May2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000241583	Started: 03May2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 03May2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	94 - 1876	ND	
Butanes (Isobutane, n-Butane)	196 - 3913	ND	
Methanol	59 - 1180	ND	
Pentane	101 - 2010	ND	
Ethanol	102 - 2032	ND	
Acetone	102 - 2032	ND	
Isopropyl Alcohol	102 - 2042	ND	
Hexane	6 - 120	ND	
Ethyl Acetate	100 - 2010	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	102 - 2040	ND	
Toluene	18 - 360	ND	
Xylenes (m,p,o-Xylenes)	129 - 2572	ND	

## Final Approval



Karen Winternheimer  
04May2023  
10:29:00 AM MDT

PREPARED BY / DATE



Sam Smith  
04May2023  
10:31:00 AM MDT

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.**

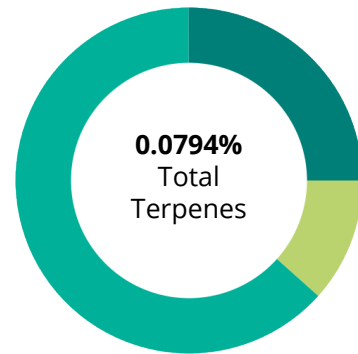
1615 Platte St., Ste. 200  
Denver, CO USA 80202

## Feals 1200

Batch ID or Lot Number: <b>23042A</b>	Test: <b>Terpenes</b>	Reported: <b>11May2023</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000241579	Started: 10May2023	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 03May2023	Status: NA

### Terpenes

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0223	0.223
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0138	0.138
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0349	0.349
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0064	0.064
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	0.0020	0.020
<b>Total</b>	<b>0.0794</b>	<b>0.7940</b>



### PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0138
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0349
beta-Myrcene	0.0000
d-Limonene	0.0064
delta-3-Carene	0.0000
Linalool	0.0000


### Notes

## Final Approval



PREPARED BY / DATE

Karen Winternheimer  
11May2023  
04:06:00 PM MDT



APPROVED BY / DATE

Sam Smith  
11May2023  
04:09:00 PM MDT



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