# 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: 22093A

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.

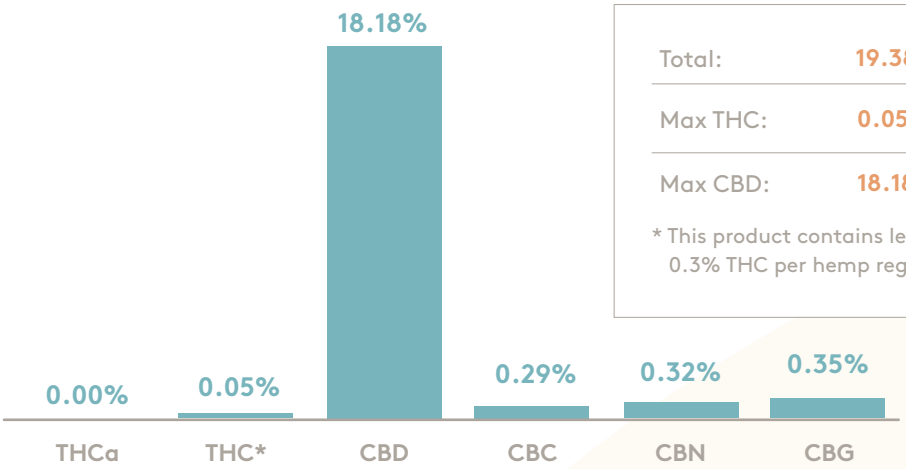
- All previous tests taken one last time

**Pesticide Test:** PASS

**Heavy Metals Test:** PASS

**Microbiology Test:** PASS

## Cannabinoid Profile & Potency




| | |
|---|---|
| Total: | 19.38 wt% |
| Max THC: | 0.05 wt%* |
| Max CBD: | 18.18 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

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**Official Compliance: Colorado**

# CERTIFICATE OF ANALYSIS

Prepared for:
**Feals, Inc.**

## Feals 2400

| Batch ID or Lot Number: | Test: | Reported: | USDA License: |
|---|---|---|---|
| **22093A** | **Potency** | **23Sep2022** | N/A |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000222194 | 21Sep2022 | N/A |
| | Method(s): | Received: | Status: |
| | TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis | 22Sep2022 | Active |

## Cannabinoids

| | **LOD** (%) | **LOQ** (%) | **Result** (%) | **Result** (mg/g) | **Notes** |
|---|---|---|---|---|---|
| Cannabichromene (CBC) | 0.016 | 0.054 | 0.285 | 2.85 | |
| Cannabichromenic Acid (CBCA) | 0.014 | 0.050 | ND | ND | |
| Cannabidiol (CBD) | 0.046 | 0.142 | 18.178 | 181.78 | |
| Cannabidiolic Acid (CBDA) | 0.047 | 0.145 | ND | ND | |
| Cannabidivarin (CBDV) | 0.011 | 0.034 | 0.198 | 1.98 | |
| Cannabidivarinic Acid (CBDVA) | 0.020 | 0.061 | ND | ND | |
| Cannabigerol (CBG) | 0.009 | 0.031 | 0.353 | 3.53 | |
| Cannabigerolic Acid (CBGA) | 0.037 | 0.129 | ND | ND | |
| Cannabinol (CBN) | 0.012 | 0.040 | 0.320 | 3.20 | |
| Cannabinolic Acid (CBNA) | 0.025 | 0.088 | ND | ND | |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC) | 0.044 | 0.153 | ND | ND | |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC) | 0.040 | 0.139 | 0.047 | 0.47 | |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.036 | 0.123 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.008 | 0.028 | ND | ND | |
| Tetrahydrocannabivarinic Acid (THCVA) | 0.031 | 0.109 | ND | ND | |
| **Total Cannabinoids** | | | **19.381** | **193.81** | |
| Total Potential THC | | | 0.047 | 0.47 | |
| Total Potential CBD | | | 18.178 | 181.78 | |

## Final Approval

Karen Winternheimer
23Sep2022
05:41:00 PM MDT

PREPARED BY / DATE

Sam Smith
23Sep2022
05:43:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/22b07259-450b-45e4-9a82-04e5745ce21f

**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)).



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# CERTIFICATE OF ANALYSIS

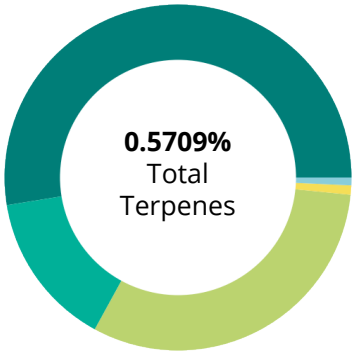
Prepared for:
**Feals, Inc.**

## Feals 2400

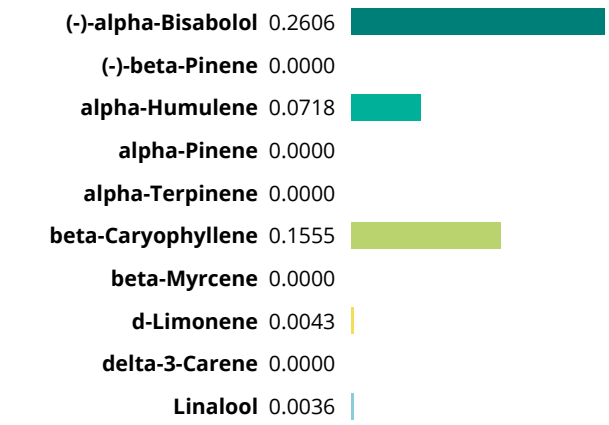
| Batch ID or Lot Number: | Test: | Reported: | USDA License: |
|---|---|---|---|
| **22093A** | **Terpenes** | **28Sep2022** | NA |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000222195 | 22Sep2022 | NA |
| | Method(s): | Received: | Status: |
| | TM22 (GC-MS) | 22Sep2022 | NA |

## Terpenes

| | %(w/w) | (mg/g) |
|---|---|---|
| (-)-alpha-Bisabolol | 0.2606 | 2.606 |
| (-)-beta-Pinene | 0.0000 | 0.0000 |
| (-)-Caryophyllene Oxide | 0.0637 | 0.637 |
| (-)-Isopulegol | 0.0000 | 0.0000 |
| alpha-Humulene | 0.0718 | 0.718 |
| alpha-Pinene | 0.0000 | 0.0000 |
| alpha-Terpinene | 0.0000 | 0.0000 |
| beta-Caryophyllene | 0.1555 | 1.555 |
| 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 | 0.0043 | 0.043 |
| delta-3-Carene | 0.0000 | 0.0000 |
| Eucalyptol | 0.0000 | 0.0000 |
| gamma-Terpinene | 0.0000 | 0.0000 |
| Geraniol | 0.0000 | 0.0000 |
| Linalool | 0.0036 | 0.036 |
| Ocimene | 0.0000 | 0.0000 |
| p-Cymene | 0.0000 | 0.0000 |
| Terpinolene | 0.0000 | 0.0000 |
| trans-Nerolidol | 0.0114 | 0.114 |
| | **0.5709** | **5.7090** |




**PREDOMINANT** TERPENES




**Notes**

## Final Approval

Daniel Weidensaul
28Sep2022
04:22:00 PM MDT

PREPARED BY / DATE

Jacob Miller
28Sep2022
04:23:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/8abe9b23-8860-4c70-9f00-93e951e86a42



Cert #4329.02
8abe9b2388604c709f0093e951e86a42.1

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Prepared for:
**Feals, Inc.**

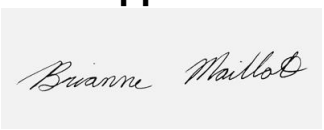
## Feals 2400

| Batch ID or Lot Number: | Test: | Reported: | USDA License: |
|---|---|---|---|
| **22093A** | **Microbial Contaminants** | **26Sep2022** | N/A |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Finished Product | T000222197 | 25Sep2022 | N/A |
| | Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel) | Received: 22Sep2022 | Status: Active |

## Microbial Contaminants

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

## Final Approval



Brianne Maillot
25Sep2022
11:55:00 AM MDT

PREPARED BY / DATE

Jacob Folkerts
26Sep2022
10:43:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/4f588e7b-b8bd-46b6-b238-c7fba0b6e6c7

**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: $10^2$ = 100 CFU, $10^3$ = 1,000 CFU, $10^4$ = 10,000 CFU, $10^5$ = 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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## Feals 2400

| Batch ID or Lot Number: | Test: | Reported: | USDA License: |
|---|---|---|---|
| **22093A** | **Pesticides** | **28Sep2022** | NA |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000222196 | 27Sep2022 | NA |
| | Method(s): | Received: | Status: |
| | TM17 (LC-QQ LC MS/MS) | 22Sep2022 | NA |

## Pesticides

| | **Dynamic Range** (ppb) | **Result** (ppb) |
|---|---|---|
| Abamectin | 258 - 2788 | ND |
| Acephate | 40 - 2777 | ND |
| Acetamiprid | 43 - 2718 | ND |
| Azoxystrobin | 50 - 2739 | ND |
| Bifenazate | 43 - 2730 | ND |
| Boscalid | 44 - 2781 | ND |
| Carbaryl | 41 - 2719 | ND |
| Carbofuran | 42 - 2717 | ND |
| Chlorantraniliprole | 46 - 2769 | ND |
| Chlorpyrifos | 67 - 2697 | ND |
| Clofentezine | 286 - 2773 | ND |
| Diazinon | 284 - 2700 | ND |
| Dichlorvos | 270 - 2744 | ND |
| Dimethoate | 43 - 2711 | ND |
| E-Fenpyroximate | 299 - 2730 | ND |
| Etofenprox | 42 - 2730 | ND |
| Etoxazole | 300 - 2688 | ND |
| Fenoxycarb | 46 - 2726 | ND |
| Fipronil | 47 - 2671 | ND |
| Flonicamid | 44 - 2735 | ND |
| Fludioxonil | 282 - 2791 | ND |
| Hexythiazox | 43 - 2709 | ND |
| Imazalil | 277 - 2761 | ND |
| Imidacloprid | 41 - 2705 | ND |
| Kresoxim-methyl | 47 - 2760 | ND |

| | **Dynamic Range** (ppb) | **Result** (ppb) |
|---|---|---|
| Malathion | 297 - 2704 | ND |
| Metalaxyl | 46 - 2717 | ND |
| Methiocarb | 44 - 2745 | ND |
| Methomyl | 41 - 2756 | ND |
| MGK 264 1 | 178 - 1652 | ND |
| MGK 264 2 | 110 - 1142 | ND |
| Myclobutanil | 35 - 2704 | ND |
| Naled | 44 - 2816 | ND |
| Oxamyl | 42 - 2743 | ND |
| Paclobutrazol | 42 - 2742 | ND |
| Permethrin | 291 - 2737 | ND |
| Phosmet | 47 - 2722 | ND |
| Prophos | 304 - 2712 | ND |
| Propoxur | 42 - 2737 | ND |
| Pyridaben | 296 - 2663 | ND |
| Spinosad A | 35 - 2256 | ND |
| Spinosad D | 49 - 498 | ND |
| Spiromesifen | 292 - 2721 | ND |
| Spirotetramat | 289 - 2803 | ND |
| Spiroxamine 1 | 19 - 1185 | ND |
| Spiroxamine 2 | 24 - 1554 | ND |
| Tebuconazole | 286 - 2710 | ND |
| Thiacloprid | 42 - 2716 | ND |
| Thiamethoxam | 41 - 2745 | ND |
| Trifloxystrobin | 45 - 2740 | ND |

## Final Approval

Daniel Weidensaul
28Sep2022
03:23:00 PM MDT
PREPARED BY / DATE

Sam Smith
28Sep2022
03:28:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/82e4500d-3bd3-4b7b-a7d5-031e80f16f86

**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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## Feals 2400

| Batch ID or Lot Number: | Test: | Reported: | USDA License: |
|---|---|---|---|
| **22093A** | **Heavy Metals** | **26Sep2022** | NA |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Unit Co | T000222198 | 23Sep2022 | NA |
| | Method(s): | Received: | Status: |
| | TM19 (ICP-MS): Heavy Metals | 22Sep2022 | NA |

## Heavy Metals

| | **Dynamic Range** (ppm) | **Result** (ppm) | **Notes** |
|---|---|---|---|
| Arsenic | 0.04 - 4.13 | ND | |
| Cadmium | 0.04 - 4.31 | ND | |
| Mercury | 0.04 - 4.38 | ND | |
| Lead | 0.04 - 3.78 | ND | |

## Final Approval

Daniel Weidensaul
26Sep2022
03:17:00 PM MDT
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Sam Smith
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https://results.botanacor.com/api/v1/coas/uuid/6cd6d9b9-e5c5-450b-b614-90201ecf16b5

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



6cd6d9b9e5c5450bb61490201ecf16b5.1

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## Feals 2400

| Batch ID or Lot Number: | Test: | Reported: | USDA License: |
|---|---|---|---|
| **22093A** | **Residual Solvents** | **26Sep2022** | N/A |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000222199 | 26Sep2022 | N/A |
| | Method(s): | Received: | Status: |
| | TM04 (GC-MS): Residual Solvents | 22Sep2022 | Active |

## Residual Solvents

| | **Dynamic Range** (ppm) | **Result** (ppm) | **Notes** |
|---|---|---|---|
| Propane | 71 - 1413 | ND | |
| Butanes (Isobutane, n-Butane) | 150 - 3001 | ND | |
| Methanol | 47 - 937 | ND | |
| Pentane | 78 - 1567 | ND | |
| Ethanol | 78 - 1561 | ND | |
| Acetone | 78 - 1568 | ND | |
| Isopropyl Alcohol | 82 - 1647 | ND | |
| Hexane | 5 - 95 | ND | |
| Ethyl Acetate | 79 - 1582 | ND | |
| Benzene | 0.2 - 3.3 | ND | |
| Heptanes | 83 - 1670 | ND | |
| Toluene | 14 - 285 | ND | |
| Xylenes (m,p,o-Xylenes) | 105 - 2100 | ND | |

## Final Approval

Sam Smith
26Sep2022
03:52:00 PM MDT
PREPARED BY / DATE

Jacob Miller
26Sep2022
03:56:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/701f5557-95bd-4356-995a-e346fea5ad78

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



701f555795bd4356995ae346fea5ad78.1

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**Official Compliance: Colorado**

# CERTIFICATE OF ANALYSIS

Prepared for:
**Feals, Inc.**

## Feals 2400

| Batch ID or Lot Number: | Test: | Reported: | USDA License: |
|---|---|---|---|
| **22093A** | **Mycotoxins** | **26Sep2022** | N/A |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000222200 | 23Sep2022 | N/A |
| | Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins | Received: 22Sep2022 | Status: Active |

## Mycotoxins

| | **Dynamic Range** (ppb) | **Result** (ppb) | **Notes** |
|---|---|---|---|
| Ochratoxin A | 1.50 - 122.85 | ND | N/A |
| Aflatoxin B1 | 1.02 - 30.92 | ND | |
| Aflatoxin B2 | 1.02 - 30.98 | ND | |
| Aflatoxin G1 | 1.02 - 31.04 | ND | |
| Aflatoxin G2 | 1.11 - 31.22 | ND | |
| Total Aflatoxins (B1, B2, G1, and G2) | | ND | |

## Final Approval

Samantha Smith

Sam Smith
26Sep2022
03:37:00 PM MDT

PREPARED BY / DATE

Jacob Miller
26Sep2022
03:39:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/b5a5318c-162c-429d-9a63-2a0eddeb008f

**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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