

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: 23043A

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.

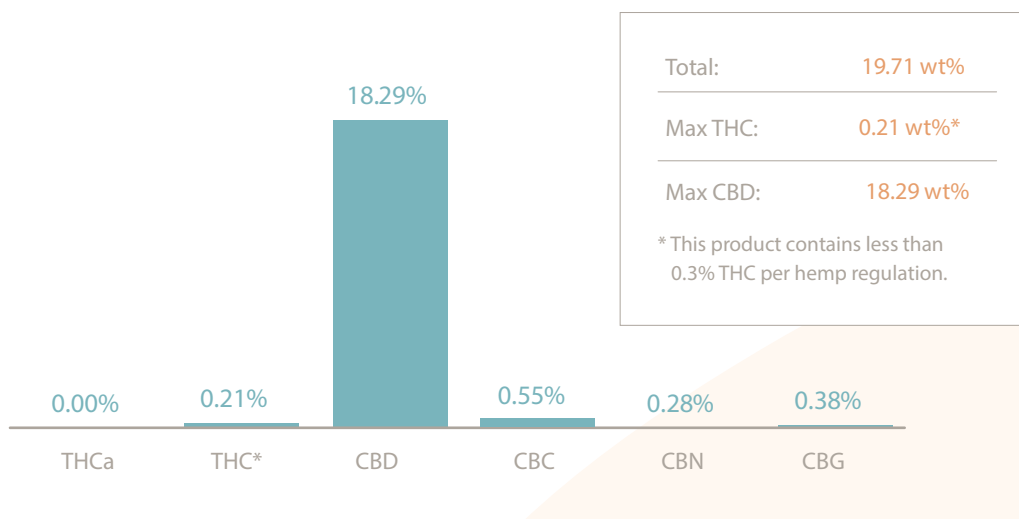
- ✓ All previous tests taken one last time

Pesticide Test: ✓ PASS

Heavy Metals Test: ✓ PASS

Microbiology Test: ✓ PASS

Cannabinoid Profile & Potency



CERTIFICATE OF ANALYSIS

Prepared for:

Feals, Inc.

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


Feals 2400

Batch ID or Lot Number: 23043A	Test: Potency	Reported: 09May2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000241587	Started: 08May2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 05May2023	Status: Active

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.020	0.060	0.550	5.50	
Cannabichromenic Acid (CBCA)	0.019	0.054	ND	ND	
Cannabidiol (CBD)	0.059	0.157	18.295	182.95	
Cannabidiolic Acid (CBDA)	0.060	0.161	ND	ND	
Cannabidivarin (CBDV)	0.014	0.037	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.025	0.067	ND	ND	
Cannabigerol (CBG)	0.012	0.034	0.377	3.77	
Cannabigerolic Acid (CBGA)	0.048	0.141	ND	ND	
Cannabinol (CBN)	0.015	0.044	0.284	2.84	
Cannabinolic Acid (CBNA)	0.033	0.096	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.057	0.168	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.052	0.153	0.212	2.12	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.046	0.135	ND	ND	
Tetrahydrocannabivarin (THCV)	0.010	0.031	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.041	0.119	ND	ND	
Total Cannabinoids			19.718	197.18	
Total Potential THC			0.212	2.12	
Total Potential CBD			18.295	182.95	

Final Approval



Sam Smith
09May2023
10:00:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
09May2023
10:02:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/0554bb66-23ad-4f09-a5b1-3ca740f9babe>

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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Cert #4329.02

CDPHE Certified

0554bb6623ad4f09a5b13ca740f9babe.1

CERTIFICATE OF ANALYSIS

Prepared for:

Feals, Inc.

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


Feals 2400

Batch ID or Lot Number: 23043A	Test: Heavy Metals	Reported: 10May2023	USDA License: NA
Matrix: Unit Co	Test ID: T000241591	Started: 10May2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 05May2023	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.62	ND	
Cadmium	0.05 - 4.93	ND	
Mercury	0.05 - 4.90	ND	
Lead	0.01 - 1.41	ND	

Final Approval



Sam Smith
10May2023
01:28:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
10May2023
01:37:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/06a9395b-963c-4cda-9508-d0a87cc0f6a6>

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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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 2400

Batch ID or Lot Number: 23043A	Test: Microbial Contaminants	Reported: 08May2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000241590	Started: 05May2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 05May2023	Status: Active

Microbial

Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	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



Brett Hudson
08May2023
03:44:00 PM MDT

PREPARED BY / DATE



Eden Thompson-Wright
08May2023
04:07:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/45eb08bc-48b5-410f-845f-b2f1c864f1f7>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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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CERTIFICATE OF ANALYSIS

Prepared for:

Feals, Inc.

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


Feals 2400

Batch ID or Lot Number: 23043A	Test: Mycotoxins	Reported: 10May2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000241593	Started: 09May2023	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 05May2023	Status: Active

Mycotoxins

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.70 - 124.53	ND	N/A
Aflatoxin B1	1.04 - 32.70	ND	
Aflatoxin B2	0.97 - 32.51	ND	
Aflatoxin G1	1.17 - 32.41	ND	
Aflatoxin G2	1.14 - 32.77	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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CDPHE Certified
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Prepared for:
Feals, Inc.

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

Feals 2400

Batch ID or Lot Number: 23043A	Test: Pesticides	Reported: 11May2023	USDA License: NA
Matrix: Concentrate	Test ID: T000241589	Started: 10May2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 05May2023	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	378 - 2769	ND
Acephate	43 - 2754	ND
Acetamiprid	40 - 2768	ND
Azoxystrobin	42 - 2784	ND
Bifenazate	40 - 2782	ND
Boscalid	42 - 2628	ND
Carbaryl	43 - 2760	ND
Carbofuran	43 - 2732	ND
Chlorantraniliprole	43 - 2646	ND
Chlorpyrifos	44 - 2784	ND
Clofentezine	275 - 2759	ND
Diazinon	292 - 2802	ND
Dichlorvos	285 - 2827	ND
Dimethoate	40 - 2771	ND
E-Fenpyroximate	306 - 2809	ND
Etofenprox	42 - 2769	ND
Etoxazole	318 - 2742	ND
Fenoxycarb	28 - 2816	ND
Fipronil	66 - 2797	ND
Flonicamid	46 - 2843	ND
Fludioxonil	302 - 2682	ND
Hexythiazox	41 - 2779	ND
Imazalil	277 - 2819	ND
Imidacloprid	45 - 2816	ND
Kresoxim-methyl	38 - 2811	ND

Pesticides	Dynamic Range (ppb)	Result (ppb)
Malathion	287 - 2799	ND
Metalaxyl	38 - 2811	ND
Methiocarb	44 - 2678	ND
Methomyl	40 - 2805	ND
MGK 264 1	168 - 1670	ND
MGK 264 2	112 - 1086	ND
Myclobutanil	40 - 2671	ND
Naled	45 - 2772	ND
Oxamyl	41 - 2799	ND
Pacllobutrazol	43 - 2746	ND
Permethrin	293 - 2838	ND
Phosmet	40 - 2782	ND
Prophos	299 - 2688	ND
Propoxur	43 - 2750	ND
Pyridaben	316 - 2744	ND
Spinosad A	32 - 2092	ND
Spinosad D	66 - 670	ND
Spiromesifen	293 - 2785	ND
Spirotetramat	287 - 2858	ND
Spiroxamine 1	18 - 1197	ND
Spiroxamine 2	25 - 1510	ND
Tebuconazole	288 - 2788	ND
Thiacloprid	41 - 2742	ND
Thiamethoxam	39 - 2800	ND
Trifloxystrobin	42 - 2727	ND

Final Approval



Karen Winternheimer
11May2023
10:16:00 AM MDT

PREPARED BY / DATE



Sam Smith
11May2023
10:25:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/4d6dab52-1a46-4d3f-ab37-add5b5adbb66>

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 2400

Batch ID or Lot Number: 23043A	Test: Residual Solvents	Reported: 09May2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000241592	Started: 09May2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 05May2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	86 - 1722	ND	
Butanes (Isobutane, n-Butane)	184 - 3680	ND	
Methanol	56 - 1122	ND	
Pentane	100 - 1990	ND	
Ethanol	93 - 1866	ND	
Acetone	90 - 1798	ND	
Isopropyl Alcohol	90 - 1799	ND	
Hexane	6 - 114	ND	
Ethyl Acetate	90 - 1809	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	91 - 1811	ND	
Toluene	16 - 329	ND	
Xylenes (m,p,o-Xylenes)	119 - 2384	ND	

Final Approval



Sam Smith
09May2023
03:33:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
09May2023
03:33:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b10312fc-d9b4-4cdc-8453-f0d584b639d8>

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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Cert #4329.02

CDPHE Certified

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Prepared for:
Feals, Inc.

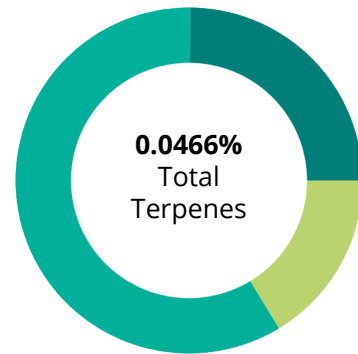
1615 Platte St., Ste. 200
Denver, CO USA 80202

Feals 2400

Batch ID or Lot Number: 23043A	Test: Terpenes	Reported: 11May2023	USDA License: NA
Matrix: Concentrate	Test ID: T000241588	Started: 10May2023	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 05May2023	Status: NA

Terpenes

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0116	0.116
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0274	0.274
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	0.0076	0.076
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	0.0000	0.0000
	0.0466	0.4660



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0116
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0274
beta-Myrcene	0.0000
d-Limonene	0.0076
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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