

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: 23023A

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.

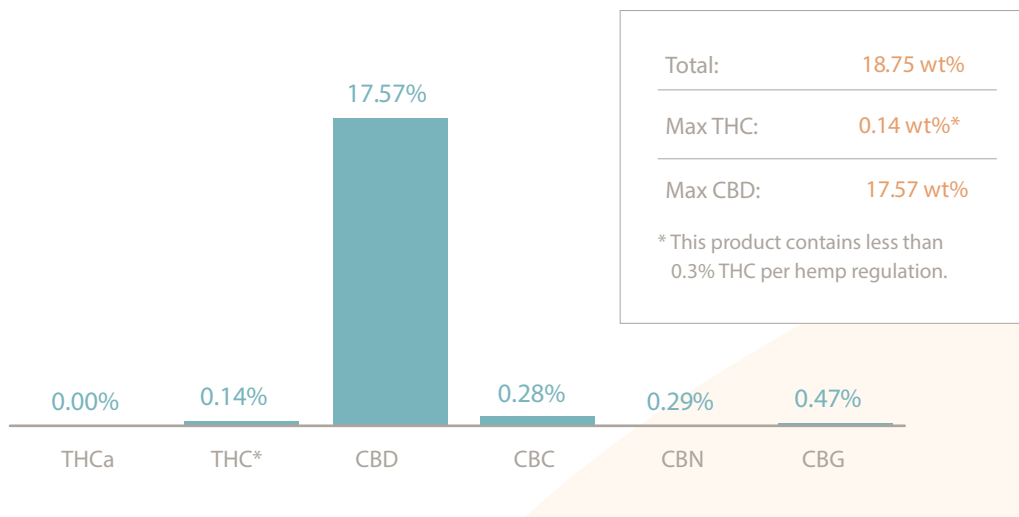
- ✓ All previous tests taken one last time

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: 23023A	Test: Potency	Reported: 20Feb2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000235844	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)	0.013	0.042	0.281	2.81	
Cannabichromenic Acid (CBCA)	0.012	0.039	ND	ND	
Cannabidiol (CBD)	0.036	0.106	17.571	175.71	
Cannabidiolic Acid (CBDA)	0.037	0.109	ND	ND	
Cannabidivarin (CBDV)	0.009	0.025	0.154	1.54	
Cannabidivarinic Acid (CBDVA)	0.016	0.045	ND	ND	
Cannabigerol (CBG)	0.007	0.024	0.468	4.68	
Cannabigerolic Acid (CBGA)	0.031	0.100	ND	ND	
Cannabinol (CBN)	0.010	0.031	0.293	2.93	
Cannabinolic Acid (CBNA)	0.021	0.068	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.036	0.119	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.033	0.108	0.140	1.40	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.029	0.096	ND	ND	
Tetrahydrocannabivarin (THCV)	0.007	0.022	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.026	0.085	ND	ND	
Total Cannabinoids			18.907	189.07	
Total Potential THC			0.140	1.40	
Total Potential CBD			17.571	175.71	

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/d7586ead-b826-4b72-875f-3225c505ef2b>

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

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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: 23023A	Test: Heavy Metals	Reported: 23Feb2023	USDA License: NA
Matrix: Unit Co	Test ID: T000235848	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



<https://results.botanacor.com/api/v1/coas/uuid/aac3f61b-42b9-4250-bf71-af76e672e34e>

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 2400

Batch ID or Lot Number: 23023A	Test: Microbial Contaminants	Reported: 20Feb2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000235847	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 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



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/9b7dc687-0987-4759-8d29-a546ee9f235f>

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: 23023A	Test: Mycotoxins	Reported: 23Feb2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000235850	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	3.13 - 129.66	ND	N/A
Aflatoxin B1	0.91 - 31.96	ND	
Aflatoxin B2	0.94 - 31.99	ND	
Aflatoxin G1	1.00 - 32.02	ND	
Aflatoxin G2	1.03 - 32.49	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

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<https://results.botanacor.com/api/v1/coas/uuid/b86bc7a4-22ef-4a95-8267-608dbeff0037>

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 2400

Batch ID or Lot Number: 23023A	Test: Pesticides	Reported: 17Feb2023	USDA License: NA
Matrix: Concentrate	Test ID: T000235846	Started: 16Feb2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 16Feb2023	Status: NA

Pesticides

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



<https://results.botanacor.com/api/v1/coas/uuid/53b2993f-eba9-4ee7-9f50-920e14584281>

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: 23023A	Test: Residual Solvents	Reported: 19Feb2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000235849	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	106 - 2124	ND	
Butanes (Isobutane, n-Butane)	219 - 4390	ND	
Methanol	67 - 1344	ND	
Pentane	108 - 2169	ND	
Ethanol	106 - 2116	ND	
Acetone	107 - 2137	ND	
Isopropyl Alcohol	109 - 2172	ND	
Hexane	7 - 130	ND	
Ethyl Acetate	111 - 2225	ND	
Benzene	0.2 - 4.4	ND	
Heptanes	106 - 2127	ND	
Toluene	19 - 385	ND	
Xylenes (m,p,o-Xylenes)	143 - 2852	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/c8281673-ca07-46d2-adfe-db4593383d50>

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.

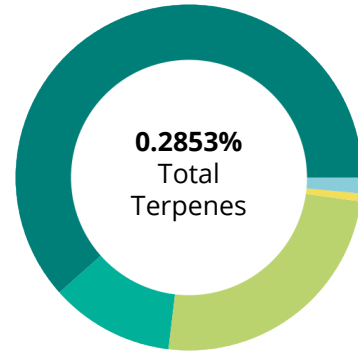
1615 Platte St., Ste. 200
Denver, CO USA 80202

Feals 2400

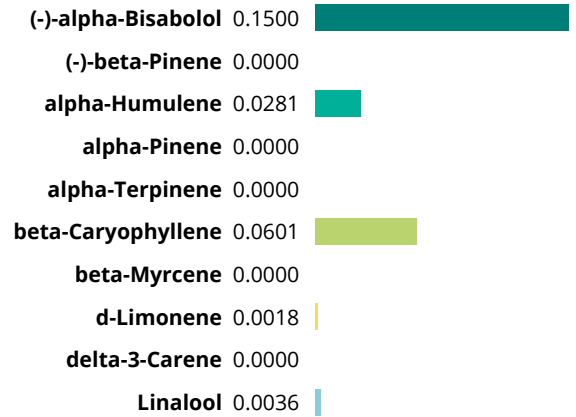
Batch ID or Lot Number: 23023A	Test: Terpenes	Reported: 23Feb2023	USDA License: NA
Matrix: Concentrate	Test ID: T000235845	Started: 22Feb2023	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 16Feb2023	Status: NA

Terpenes

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.1500	1.500
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0368	0.368
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0281	0.281
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0601	0.601
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	0.0018	0.018
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	0.0049	0.049
	0.2853	2.8530



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/46b04744-de9a-4f7c-98a0-814a826c64a2>

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