

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: 23041A

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.

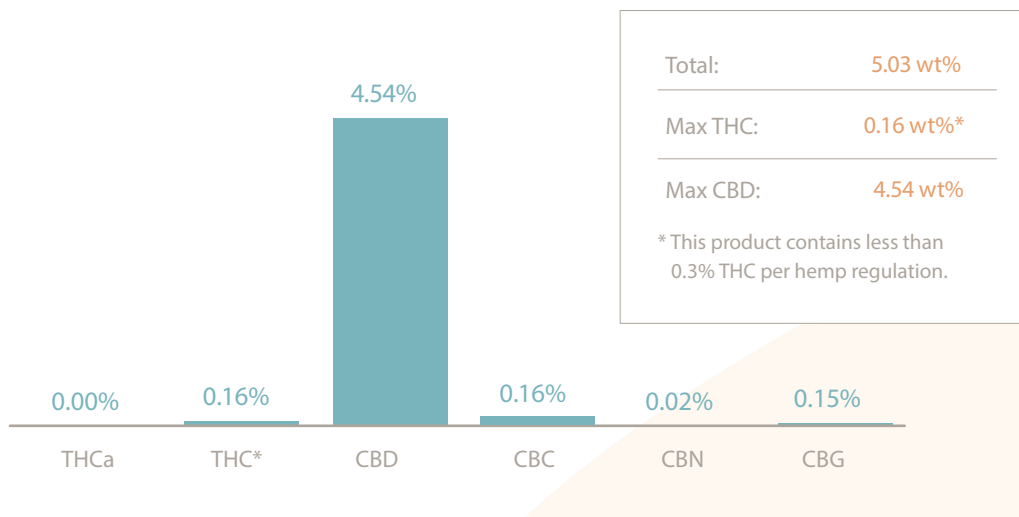
- ✓ All previous tests taken one last time

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 600

Batch ID or Lot Number: 23041A	Test: Potency	Reported: 05May2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000241571	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)	0.008	0.022	0.162	1.62	
Cannabichromenic Acid (CBCA)	0.007	0.020	ND	ND	
Cannabidiol (CBD)	0.021	0.056	4.536	45.36	
Cannabidiolic Acid (CBDA)	0.021	0.057	ND	ND	
Cannabidivarin (CBDV)	0.005	0.013	0.023	0.23	
Cannabidivarinic Acid (CBDVA)	0.009	0.024	ND	ND	
Cannabigerol (CBG)	0.004	0.012	0.148	1.48	
Cannabigerolic Acid (CBGA)	0.018	0.051	ND	ND	
Cannabinol (CBN)	0.006	0.016	0.019	0.19	
Cannabinolic Acid (CBNA)	0.012	0.035	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.022	0.061	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.020	0.056	0.156	1.56	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.017	0.049	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.015	0.043	ND	ND	
Total Cannabinoids			5.044	50.44	
Total Potential THC			0.156	1.56	
Total Potential CBD			4.536	45.36	

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/3a3cc6d4-facb-4fdf-875e-b2a6a23675bf>

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

3a3cc6d4facb4fdf875eb2a6a23675bf.1

CERTIFICATE OF ANALYSIS

Prepared for:

Feals, Inc.

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


Feals 600

Batch ID or Lot Number: 23041A	Test: Heavy Metals	Reported: 05May2023	USDA License: NA
Matrix: Unit Co	Test ID: T000241575	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/01682828-8867-4b6c-9c76-2b67d0123fe0>

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 600

Batch ID or Lot Number: 23041A	Test: Microbial Contaminants	Reported: 08May2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000241574	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 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



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/5b36eff0-eca6-46e0-8320-ca81abbb8d17>

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 600

Batch ID or Lot Number: 23041A	Test: Mycotoxins	Reported: 10May2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000241577	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	3.54 - 119.19	ND	N/A
Aflatoxin B1	0.99 - 31.30	ND	
Aflatoxin B2	0.93 - 31.12	ND	
Aflatoxin G1	1.12 - 31.02	ND	
Aflatoxin G2	1.09 - 31.36	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

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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: 23041A	Test: Pesticides	Reported: 05May2023	USDA License: NA
Matrix: Concentrate	Test ID: T000241573	Started: 04May2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 03May2023	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	357 - 3481	ND	Malathion	300 - 2788	ND
Acephate	68 - 2750	ND	Metalaxyl	44 - 2763	ND
Acetamiprid	46 - 2854	ND	Methiocarb	50 - 2812	ND
Azoxystrobin	44 - 2716	ND	Methomyl	49 - 2924	ND
Bifenazate	37 - 2690	ND	MGK 264 1	189 - 1720	ND
Boscalid	47 - 2701	ND	MGK 264 2	122 - 1074	ND
Carbaryl	39 - 2777	ND	Myclobutanil	49 - 2745	ND
Carbofuran	44 - 2766	ND	Naled	47 - 2797	ND
Chlorantraniliprole	48 - 2676	ND	Oxamyl	50 - 2938	ND
Chlorpyrifos	38 - 2918	ND	Pacllobutrazol	38 - 2635	ND
Clofentezine	297 - 2744	ND	Permethrin	279 - 2800	ND
Diazinon	282 - 2764	ND	Phosmet	42 - 2709	ND
Dichlorvos	369 - 2754	ND	Prophos	290 - 2836	ND
Dimethoate	51 - 2873	ND	Propoxur	43 - 2770	ND
E-Fenpyroximate	291 - 2742	ND	Pyridaben	286 - 2813	ND
Etofenprox	41 - 2846	ND	Spinosad A	32 - 2061	ND
Etoxazole	284 - 2909	ND	Spinosad D	64 - 700	ND
Fenoxycarb	2 - 2719	ND	Spiromesifen	316 - 2739	ND
Fipronil	56 - 2573	ND	Spirotetramat	285 - 2660	ND
Flonicamid	45 - 2849	ND	Spiroxamine 1	20 - 1229	ND
Fludioxonil	313 - 2758	ND	Spiroxamine 2	27 - 1592	ND
Hexythiazox	40 - 2748	ND	Tebuconazole	297 - 2618	ND
Imazalil	284 - 2789	ND	Thiacloprid	46 - 2805	ND
Imidacloprid	37 - 2793	ND	Thiamethoxam	42 - 2840	ND
Kresoxim-methyl	39 - 2799	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



<https://results.botanacor.com/api/v1/coas/uuid/5476dd89-5a63-49d2-abec-4e5bf73f5eee>

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 600

Batch ID or Lot Number: 23041A	Test: Residual Solvents	Reported: 04May2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000241576	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	93 - 1859	ND	
Butanes (Isobutane, n-Butane)	194 - 3878	ND	
Methanol	58 - 1169	ND	
Pentane	100 - 1992	ND	
Ethanol	101 - 2014	ND	
Acetone	101 - 2014	ND	
Isopropyl Alcohol	101 - 2024	ND	
Hexane	6 - 119	ND	
Ethyl Acetate	100 - 1992	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	101 - 2022	ND	
Toluene	18 - 357	ND	
Xylenes (m,p,o-Xylenes)	127 - 2548	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



<https://results.botanacor.com/api/v1/coas/uuid/fc384fa4-a2fa-4c01-9529-ea8f4f7f3b37>

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.

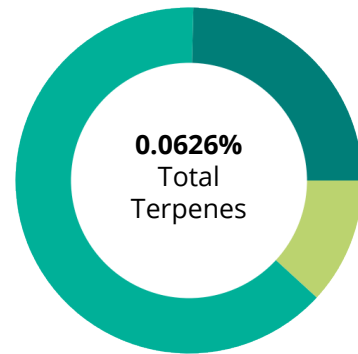
1615 Platte St., Ste. 200
Denver, CO USA 80202

Feals 600

Batch ID or Lot Number: 23041A	Test: Terpenes	Reported: 11May2023	USDA License: NA
Matrix: Concentrate	Test ID: T000241572	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	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0154	0.154
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0398	0.398
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	0.0074	0.074
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
	0.0626	0.6260



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0154
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0398
beta-Myrcene	0.0000
d-Limonene	0.0074
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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Cert #4329.02

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