

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: 22121A

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.

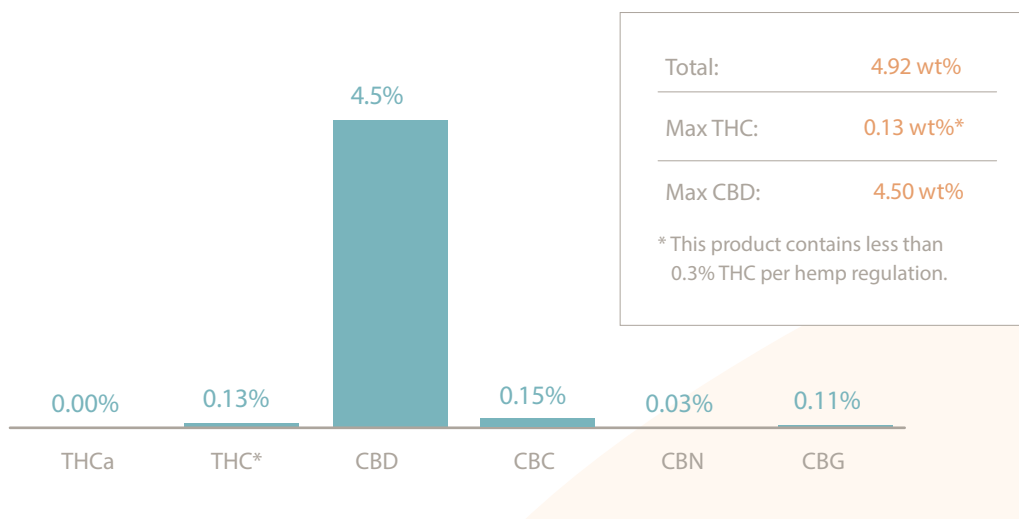
- ✓ All previous tests taken one last time

Pesticide Test: ✓ PASS

Heavy Metals Test: ✓ PASS

Microbiology Test: ✓ PASS

Cannabinoid Profile & Potency



CERTIFICATE OF ANALYSIS

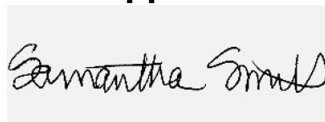
Prepared for:

Feals, Inc.1615 Platte St., Ste. 200
Denver, CO USA 80202**Feals 600**

Batch ID or Lot Number: 22121A	Test: Potency	Reported: 22Dec2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000231264	Started: 22Dec2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 20Dec2022	Status: Active

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.006	0.023	0.152	1.52	
Cannabichromenic Acid (CBCA)	0.006	0.021	ND	ND	
Cannabidiol (CBD)	0.021	0.063	4.502	45.02	
Cannabidiolic Acid (CBDA)	0.022	0.064	ND	ND	
Cannabidivarin (CBDV)	0.005	0.015	0.023	0.23	
Cannabidivarinic Acid (CBDVA)	0.009	0.027	ND	ND	
Cannabigerol (CBG)	0.004	0.013	0.111	1.11	
Cannabigerolic Acid (CBGA)	0.015	0.055	ND	ND	
Cannabinol (CBN)	0.005	0.017	0.034	0.34	
Cannabinolic Acid (CBNA)	0.011	0.037	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.018	0.065	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.017	0.059	0.125	1.25	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.015	0.053	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.013	0.046	ND	ND	
Total Cannabinoids			4.947	49.47	
Total Potential THC			0.125	1.25	
Total Potential CBD			4.502	45.02	

Final ApprovalSam Smith
22Dec2022
12:49:00 PM MST

PREPARED BY / DATE

Karen Winternheimer
22Dec2022
12:58:00 PM MST

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/0b735705-6ead-40a4-a93d-bc9e7a9d3692>**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

0b7357056ead40a4a93dbc9e7a9d3692.1

Prepared for:

Feals, Inc.

1615 Platte St., Ste. 200

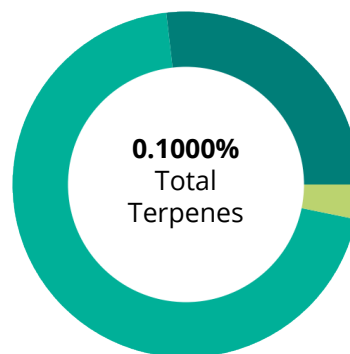
Denver, CO USA 80202

Feals 600

Batch ID or Lot Number: 22121A	Test: Terpenes	Reported: 30Dec2022	USDA License: NA
Matrix: Concentrate	Test ID: T000231265	Started: 28Dec2022	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 20Dec2022	Status: NA

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	0.0225	0.225
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0587	0.587
beta-Myrcene	0.0027	0.027
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0143	0.143
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0018	0.018
	0.1000	1.0000




PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0225
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0587
beta-Myrcene	0.0027
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval



Karen Winternheimer
30Dec2022
12:51:00 PM MST

PREPARED BY / DATE



Sam Smith
30Dec2022
12:54:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/42215f4c-9039-4e2c-ac26-c0e0eeb96e07>

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Cert #4329.02

42215f4c90394e2cac26c0e0eeb96e07.1

CERTIFICATE OF ANALYSIS

Prepared for:

Feals, Inc.

1615 Platte St., Ste. 200

Denver, CO USA 80202


Feals 600

Batch ID or Lot Number: 22121A	Test: Heavy Metals	Reported: 27Dec2022	USDA License: NA
Matrix: Unit Co	Test ID: T000231268	Started: 27Dec2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 20Dec2022	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.27	ND	
Cadmium	0.04 - 4.45	ND	
Mercury	0.05 - 4.51	ND	
Lead	0.04 - 4.18	ND	

Final Approval



Sam Smith
27Dec2022
02:30:00 PM MST

PREPARED BY / DATE



Karen Winternheimer
27Dec2022
02:32:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/01a95fbc-c4aa-41af-b32c-ef6578f9dce8>

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



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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: 22121A	Test: Microbial Contaminants	Reported: 23Dec2022	USDA License: N/A
Matrix: Finished Product	Test ID: T000231267	Started: 20Dec2022	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 20Dec2022	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
<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
23Dec2022
12:39:00 PM MST

PREPARED BY / DATE



Phillip Travisano
23Dec2022
03:47:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/9bdb994-61f6-4cb0-b3eb-e67b3a0e7031>

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: 22121A	Test: Mycotoxins	Reported: 22Dec2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000231270	Started: 21Dec2022	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 20Dec2022	Status: Active

Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.31 - 129.00	ND	N/A
Aflatoxin B1	0.97 - 32.18	ND	
Aflatoxin B2	0.97 - 31.90	ND	
Aflatoxin G1	1.16 - 32.24	ND	
Aflatoxin G2	0.84 - 31.68	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Sam Smith
22Dec2022
08:42:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
22Dec2022
08:44:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/cb44fe92-f483-4926-b8a0-a33a0da5a711>

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: 22121A	Test: Pesticides	Reported: 23Dec2022	USDA License: NA
Matrix: Concentrate	Test ID: T000231266	Started: 21Dec2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 20Dec2022	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	292 - 2645	ND
Acephate	1 - 2759	ND
Acetamiprid	41 - 2737	ND
Azoxystrobin	42 - 2721	ND
Bifenazate	43 - 2711	ND
Boscalid	45 - 2703	ND
Carbaryl	43 - 2731	ND
Carbofuran	41 - 2721	ND
Chlorantraniliprole	44 - 2788	ND
Chlorpyrifos	39 - 2722	ND
Clofentezine	266 - 2713	ND
Diazinon	282 - 2714	ND
Dichlorvos	262 - 2765	ND
Dimethoate	37 - 2726	ND
E-Fenpyroximate	281 - 2736	ND
Etofenprox	42 - 2709	ND
Etoxazole	302 - 2710	ND
Fenoxycarb	44 - 2739	ND
Fipronil	44 - 2757	ND
Flonicamid	55 - 2649	ND
Fludioxonil	281 - 2733	ND
Hexythiazox	42 - 2752	ND
Imazalil	268 - 2735	ND
Imidacloprid	42 - 2704	ND
Kresoxim-methyl	43 - 2761	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	281 - 2712	ND
Metalaxyl	38 - 2730	ND
Methiocarb	42 - 2746	ND
Methomyl	43 - 2756	ND
MGK 264 1	190 - 1588	ND
MGK 264 2	122 - 1133	ND
Myclobutanil	51 - 2724	ND
Naled	58 - 2745	ND
Oxamyl	40 - 2728	ND
Paclobutrazol	40 - 2725	ND
Permethrin	305 - 2650	ND
Phosmet	40 - 2697	ND
Prophos	281 - 2758	ND
Propoxur	38 - 2705	ND
Pyridaben	286 - 2700	ND
Spinosad A	33 - 2235	ND
Spinosad D	48 - 495	ND
Spiromesifen	275 - 2731	ND
Spirotetramat	285 - 2732	ND
Spiroxamine 1	18 - 1177	ND
Spiroxamine 2	22 - 1559	ND
Tebuconazole	287 - 2758	ND
Thiacloprid	43 - 2722	ND
Thiamethoxam	46 - 2760	ND
Trifloxystrobin	41 - 2732	ND

Final Approval



Karen Winternheimer
24Dec2022
05:41:00 PM MST

PREPARED BY / DATE



Sam Smith
24Dec2022
05:43:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/3f567ce8-6b6d-478e-b2c2-db77db91f5d7>

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: 22121A	Test: Residual Solvents	Reported: 22Dec2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000231269	Started: 21Dec2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 20Dec2022	Status: Active

Residual Solvents

	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	90 - 1800	ND	
Butanes (Isobutane, n-Butane)	182 - 3649	ND	
Methanol	62 - 1230	ND	
Pentane	97 - 1936	ND	
Ethanol	99 - 1988	ND	
Acetone	98 - 1962	ND	
Isopropyl Alcohol	104 - 2074	ND	
Hexane	6 - 118	ND	
Ethyl Acetate	101 - 2030	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	100 - 2008	ND	
Toluene	18 - 363	ND	
Xylenes (m,p,o-Xylenes)	137 - 2731	ND	

Final ApprovalKaren Winternheimer
22Dec2022
11:09:00 AM MST

PREPARED BY / DATE

Sam Smith
22Dec2022
11:12:00 AM MST

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/b80db146-e33b-4f0e-9cca-ede3a7acf46e>**Definitions**

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