

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: 22051A

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.

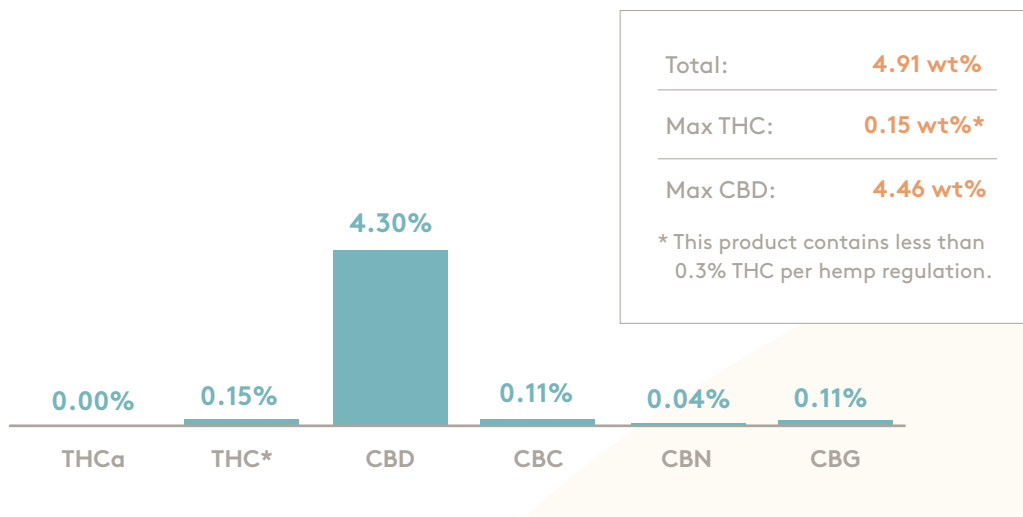
- ✓ All previous tests taken one last time

Pesticide Test: ✓ PASS

Heavy Metals Test: ✓ PASS

Microbiology Test: ✓ PASS

Cannabinoid Profile & Potency



CERTIFICATE OF ANALYSIS

Prepared for:

Feals, Inc.

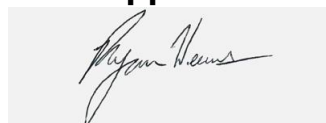
Feal 600

Batch ID or Lot Number: 22051A	Test: Potency	Reported: 14Jun2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000207758	Started: 13Jun2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 13Jun2022	Status: Active

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.017	0.054	0.112	1.12	
Cannabichromenic Acid (CBCA)	0.015	0.050	ND	ND	
Cannabidiol (CBD)	0.047	0.141	4.301	43.01	
Cannabidiolic Acid (CBDA)	0.048	0.144	0.177	1.77	
Cannabidivarin (CBDV)	0.011	0.033	<LOQ	0.24	
Cannabidivarinic Acid (CBDVA)	0.020	0.060	ND	ND	
Cannabigerol (CBG)	0.009	0.031	0.105	1.05	
Cannabigerolic Acid (CBGA)	0.040	0.129	ND	ND	
Cannabinol (CBN)	0.012	0.040	<LOQ	0.36	
Cannabinolic Acid (CBNA)	0.027	0.088	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.047	0.153	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.043	0.139	0.154	1.54	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.038	0.123	ND	ND	
Tetrahydrocannabivarin (THCV)	0.009	0.028	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.033	0.109	ND	ND	
Total Cannabinoids			4.909	49.09	
Total Potential THC			0.154	1.54	
Total Potential CBD			4.456	44.56	

Final Approval



Ryan Weems
14Jun2022
12:07:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
14Jun2022
12:11:00 PM MDT

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/coas/uuid/23696d59-ac69-4992-b512-68061bdcab72>

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

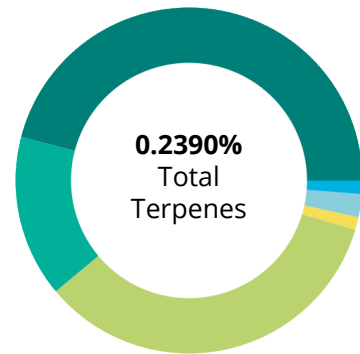
23696d59ac694992b51268061bdcab72.1

Prepared for:
Feals, Inc.**Feal 600**

Batch ID or Lot Number: 22051A	Test: Terpenes	Reported: 14Jun2022	USDA License: NA
Matrix: Concentrate	Test ID: T000207759	Started: 13Jun2022	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 13Jun2022	Status: NA

Terpenes

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0987	0.987
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0176	0.176
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0325	0.325
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0737	0.737
beta-Myrcene	0.0026	0.026
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0046	0.046
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0027	0.027
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0066	0.066
	0.2390	2.3900

**PREDOMINANT TERPENES**

(-)-alpha-Bisabolol	0.0987	
(-)-beta-Pinene	0.0000	
alpha-Humulene	0.0325	
alpha-Pinene	0.0000	
alpha-Terpinene	0.0000	
beta-Caryophyllene	0.0737	
beta-Myrcene	0.0026	
d-Limonene	0.0046	
delta-3-Carene	0.0000	
Linalool	0.0027	

Notes**Final Approval**

PREPARED BY / DATE

Daniel Weidensaul
14Jun2022
01:30:00 PM MDT

APPROVED BY / DATE

Jacob Miller
14Jun2022
01:32:00 PM MDT<https://results.botanacor.com/api/v1/coas/uuid/a43d9e9b-f0a6-4f47-abba-24ad877d4c7e>

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02

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CERTIFICATE OF ANALYSIS

Prepared for:
Feals, Inc.

Feal 600

Batch ID or Lot Number: 22051A	Test: Microbial Contaminants	Reported: 16Jun2022	USDA License: N/A
Matrix: Finished Product	Test ID: T000207761	Started: 13Jun2022	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 13Jun2022	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
16Jun2022
10:34:00 AM MDT

PREPARED BY / DATE



Eden Thompson-Wright
16Jun2022
11:17:00 AM MDT

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/coas/uuid/f424d472-5038-43a5-8282-0d0468cb8dc9>

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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Cert #4329.02



CDPHE Certified

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Prepared for:
Feals, Inc.

Feal 600

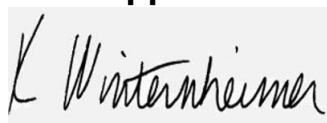
Batch ID or Lot Number: 22051A	Test: Pesticides	Reported: 16Jun2022	USDA License: NA
Matrix: Concentrate	Test ID: T000207760	Started: 14Jun2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 13Jun2022	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	365 - 2660	ND
Acephate	45 - 2774	ND
Acetamiprid	43 - 2778	ND
Azoxystrobin	40 - 2739	ND
Bifenazate	42 - 2765	ND
Boscalid	15 - 2744	ND
Carbaryl	40 - 2776	ND
Carbofuran	43 - 2761	ND
Chlorantraniliprole	46 - 2731	ND
Chlorpyrifos	47 - 2776	ND
Clofentezine	306 - 2776	ND
Diazinon	298 - 2777	ND
Dichlorvos	311 - 2758	ND
Dimethoate	45 - 2766	ND
E-Fenpyroximate	296 - 2737	ND
Etofenprox	42 - 2726	ND
Etoxazole	299 - 2708	ND
Fenoxycarb	45 - 2737	ND
Fipronil	39 - 2733	ND
Flonicamid	4 - 2732	ND
Fludioxonil	260 - 2633	ND
Hexythiazox	49 - 2737	ND
Imazalil	286 - 2760	ND
Imidacloprid	51 - 2800	ND
Kresoxim-methyl	53 - 2822	ND

Pesticides	Dynamic Range (ppb)	Result (ppb)
Malathion	304 - 2758	ND
Metalaxyl	51 - 2788	ND
Methiocarb	39 - 2735	ND
Methomyl	42 - 2747	ND
MGK 264 1	187 - 1618	ND
MGK 264 2	129 - 1129	ND
Myclobutanil	37 - 2661	ND
Naled	28 - 2666	ND
Oxamyl	3 - 2768	ND
Paclobutrazol	41 - 2732	ND
Permethrin	340 - 2681	ND
Phosmet	41 - 2752	ND
Prophos	290 - 2708	ND
Propoxur	39 - 2744	ND
Pyridaben	302 - 2767	ND
Spinosad A	36 - 2242	ND
Spinosad D	55 - 497	ND
Spiromesifen	306 - 2722	ND
Spirotetramat	292 - 2784	ND
Spiroxamine 1	17 - 1160	ND
Spiroxamine 2	21 - 1502	ND
Tebuconazole	259 - 2755	ND
Thiacloprid	41 - 2763	ND
Thiamethoxam	45 - 2752	ND
Trifloxystrobin	41 - 2736	ND

Final Approval



Karen Winternheimer
16Jun2022
04:48:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul
16Jun2022
05:01:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/e5814b9b-540d-4942-a174-60138f9f09c2>

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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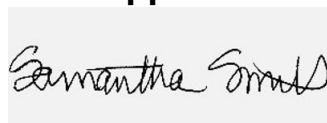
Prepared for:

Feals, Inc.**Feal 600**

Batch ID or Lot Number: 22051A	Test: Heavy Metals	Reported: 16Jun2022	USDA License: NA
Matrix: Unit Co	Test ID: T000207762	Started: 16Jun2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 13Jun2022	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.32	ND	
Cadmium	0.05 - 4.76	ND	
Mercury	0.05 - 4.55	ND	
Lead	0.05 - 4.61	ND	

Final Approval

Sam Smith
16Jun2022
05:38:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul
16Jun2022
05:42:00 PM MDT

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/c674cd9e-110e-44a6-8510-b1fca0643f81>**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

c674cd9e110e44a68510b1fca0643f81.1

CERTIFICATE OF ANALYSIS

Prepared for:
Feals, Inc.**Feal 600**

Batch ID or Lot Number: 22051A	Test: Residual Solvents	Reported: 15Jun2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000207763	Started: 14Jun2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 13Jun2022	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	91 - 1816	ND	
Butanes (Isobutane, n-Butane)	138 - 2765	ND	
Methanol	56 - 1126	ND	
Pentane	81 - 1626	ND	
Ethanol	82 - 1631	ND	
Acetone	87 - 1744	ND	
Isopropyl Alcohol	92 - 1840	ND	
Hexane	6 - 114	ND	
Ethyl Acetate	91 - 1823	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	89 - 1774	ND	
Toluene	17 - 330	ND	
Xylenes (m,p,o-Xylenes)	121 - 2416	ND	

Final ApprovalJacob Miller
15Jun2022
10:55:00 AM MDT

PREPARED BY / DATE

Ryan Weems
15Jun2022
10:56:00 AM MDT

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/62130894-ddc5-45ca-90d2-548bb59630de>**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

62130894ddc545ca90d2548bb59630de.1

CERTIFICATE OF ANALYSIS


Prepared for:

Feals, Inc.**Feal 600**

Batch ID or Lot Number: 22051A	Test: Mycotoxins	Reported: 21Jun2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000207764	Started: 17Jun2022	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 13Jun2022	Status: Active

Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.15 - 130.48	ND	N/A
Aflatoxin B1	1.02 - 32.19	ND	
Aflatoxin B2	1.65 - 31.78	ND	
Aflatoxin G1	1.02 - 32.06	ND	
Aflatoxin G2	1.69 - 32.13	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

Sam Smith
21Jun2022
12:43:00 PM MDT

PREPARED BY / DATE



Jacob Miller
21Jun2022
12:46:00 PM MDT

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/b29caf65-de79-4fed-a52b-cf775e9c1c9c>**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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