

# Feals Mints 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 Numbers: 22025D

### 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 CO<sub>2</sub> extraction facility. Here, the product 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.

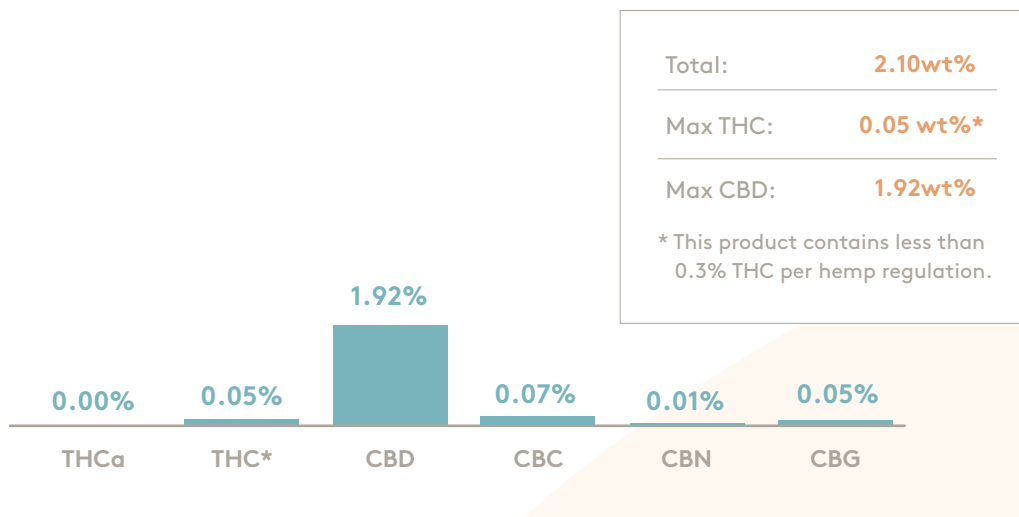
- ✓ All previous tests taken one last time

Pesticide Test: ✓ **PASS**

Heavy Metals Test: ✓ **PASS**

Microbiology Test: ✓ **PASS**

## Cannabinoid Profile & Potency



# CERTIFICATE OF ANALYSIS

Prepared for:  
**Feals, Inc.**

## Feals Mints


Batch ID or Lot Number: <b>22025D</b>	Test: <b>Potency</b>	Reported: <b>09Jun2022</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000208665	Started: 08Jun2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 08Jun2022	Status: Active

## Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.005	0.017	0.072	0.72	
Cannabichromenic Acid (CBCA)	0.005	0.016	ND	ND	
Cannabidiol (CBD)	0.016	0.044	1.915	19.15	
Cannabidiolic Acid (CBDA)	0.016	0.045	ND	ND	
Cannabidivarin (CBDV)	0.004	0.010	<LOQ	0.08	
Cannabidivarinic Acid (CBDVA)	0.007	0.019	ND	ND	
Cannabigerol (CBG)	0.003	0.010	0.049	0.49	
Cannabigerolic Acid (CBGA)	0.012	0.041	ND	ND	
Cannabinol (CBN)	0.004	0.013	<LOQ	0.07	
Cannabinolic Acid (CBNA)	0.008	0.028	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.015	0.049	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.013	0.045	0.053	0.53	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.012	0.039	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.009	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.035	ND	ND	
<b>Total Cannabinoids</b>			<b>2.104</b>	<b>21.04</b>	
Total Potential THC			0.053	0.53	
Total Potential CBD			1.915	19.15	

## Final Approval

  
 Kayla Phye  
 09Jun2022  
 12:48:00 PM MDT  
 PREPARED BY / DATE

  
 Karen Winternheimer  
 09Jun2022  
 01:08:00 PM MDT  
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7f9d90aa-2070-4145-b545-038569d78c7f>

**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)).

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

CDPHE Certified  
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**CERTIFICATE OF ANALYSIS**

 Prepared for:  
**Feals, Inc.**
**Feals Mints**

Batch ID or Lot Number: <b>22025D</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>13Jun2022</b>	USDA License: N/A
Matrix: Finished Product	Test ID: T000208667	Started: 08Jun2022	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 08Jun2022	Status: Active

**Microbial**
**Contaminants**

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

**Final Approval**


 Brett Hudson  
 11Jun2022  
 01:07:00 PM MDT



 Eden Thompson-Wright  
 13Jun2022  
 09:16:00 AM MDT


PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/f30e65e0-e4ec-49da-937e-58a40067e292>
**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: 10<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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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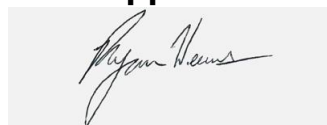
Prepared for:  
**Feals, Inc.**

## Feals Mints

Batch ID or Lot Number: <b>22025D</b>	Test: <b>Pesticides</b>	Reported: <b>13Jun2022</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000208666	Started: 13Jun2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 08Jun2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	372 - 2669	ND	Malathion	303 - 2687	ND
Acephate	43 - 2746	ND	Metalaxyl	47 - 2557	ND
Acetamiprid	38 - 2803	ND	Methiocarb	52 - 2670	ND
Azoxystrobin	57 - 2614	ND	Methomyl	37 - 2781	ND
Bifenazate	48 - 2663	ND	MGK 264 1	190 - 1638	ND
Boscalid	55 - 2769	ND	MGK 264 2	138 - 1122	ND
Carbaryl	43 - 2800	ND	Myclobutanil	40 - 2709	ND
Carbofuran	40 - 2812	ND	Naled	49 - 2827	ND
Chlorantraniliprole	68 - 2605	ND	Oxamyl	36 - 2724	ND
Chlorpyrifos	44 - 2783	ND	Pacllobutrazol	38 - 2880	ND
Clofentezine	270 - 2830	ND	Permethrin	270 - 2652	ND
Diazinon	291 - 2739	ND	Phosmet	46 - 2695	ND
Dichlorvos	276 - 2789	ND	Prophos	317 - 2703	ND
Dimethoate	43 - 2712	ND	Propoxur	42 - 2813	ND
E-Fenpyroximate	301 - 2173	ND	Pyridaben	271 - 2774	ND
Etofenprox	41 - 2748	ND	Spinosad A	32 - 2270	ND
Etoxazole	271 - 2682	ND	Spinosad D	46 - 480	ND
Fenoxycarb	42 - 2700	ND	Spiromesifen	277 - 2622	ND
Fipronil	49 - 2662	ND	Spirotetramat	363 - 2719	ND
Flonicamid	49 - 2582	ND	Spiroxamine 1	21 - 1141	ND
Fludioxonil	378 - 2689	ND	Spiroxamine 2	29 - 1520	ND
Hexythiazox	44 - 2617	ND	Tebuconazole	264 - 2742	ND
Imazalil	233 - 2744	ND	Thiacloprid	39 - 2790	ND
Imidacloprid	51 - 2748	ND	Thiamethoxam	46 - 2800	ND
Kresoxim-methyl	57 - 2601	ND	Trifloxystrobin	44 - 2778	ND

## Final Approval



Ryan Weems  
14Jun2022  
06:31:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul  
14Jun2022  
06:40:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/332cb6e5-a64d-43db-8a94-55c81a858287>

### 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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Cert #4329.02

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# CERTIFICATE OF ANALYSIS

Prepared for:  
**Feals, Inc.**

## Feals Mints

Batch ID or Lot Number: <b>22025D</b>	Test: <b>Heavy Metals</b>	Reported: <b>09Jun2022</b>	USDA License: NA
Matrix: Unit Co	Test ID: T000208668	Started: 09Jun2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 08Jun2022	Status: NA

## Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.94	ND	
Cadmium	0.05 - 4.56	ND	
Mercury	0.05 - 4.58	ND	
Lead	0.05 - 4.72	ND	

## Final Approval



Kayla Phye  
09Jun2022  
01:21:00 PM MDT

PREPARED BY / DATE



Ryan Weems  
09Jun2022  
01:23:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/47c1db12-c07e-46b8-84d0-c6a61a9ca423>

### 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

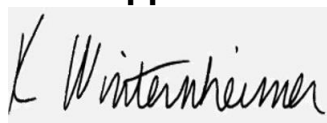
Prepared for:  
**Feals, Inc.**

## Feals Mints

Batch ID or Lot Number: <b>22025D</b>	Test: <b>Residual Solvents</b>	Reported: <b>10Jun2022</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000208669	Started: 09Jun2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 08Jun2022	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	97 - 1936	ND	
Butanes (Isobutane, n-Butane)	195 - 3903	ND	
Methanol	74 - 1486	ND	
Pentane	114 - 2286	ND	
Ethanol	106 - 2128	ND	
Acetone	109 - 2187	ND	
Isopropyl Alcohol	108 - 2169	ND	
Hexane	7 - 141	ND	
Ethyl Acetate	112 - 2231	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	121 - 2426	ND	
Toluene	19 - 385	ND	
Xylenes (m,p,o-Xylenes)	142 - 2841	ND	

## Final Approval



Karen Winternheimer  
10Jun2022  
09:54:00 AM MDT

PREPARED BY / DATE



Ryan Weems  
10Jun2022  
09:56:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/04ce7545-3eec-48e6-aa31-f74628860bfa>

### 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

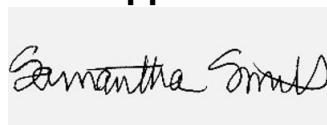
Prepared for:  
**Feals, Inc.**

## Feals Mints

Batch ID or Lot Number: <b>22025D</b>	Test: <b>Mycotoxins</b>	Reported: <b>09Jun2022</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000208670	Started: 08Jun2022	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 08Jun2022	Status: Active

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.09 - 134.15	ND	N/A
Aflatoxin B1	1.00 - 34.14	ND	
Aflatoxin B2	1.06 - 33.94	ND	
Aflatoxin G1	0.96 - 34.04	ND	
Aflatoxin G2	1.20 - 33.67	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

## Final Approval



Sam Smith  
09Jun2022  
10:50:00 AM MDT

PREPARED BY / DATE



Ryan Weems  
09Jun2022  
10:52:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/cb8305cf-3aa0-4a00-b2b5-8f72f24d0561>

### 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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