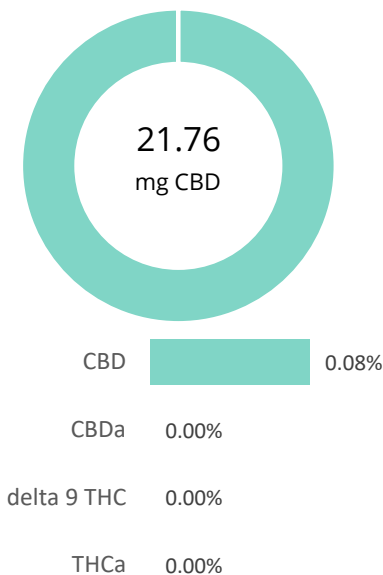


Primal 1000mg CBG FP (PO 81172)

| | | | |
|------------------|-----------------|-------------------|-----------------------|
| Batch ID: | CBGG2021B4 | Test ID: | T000165693 |
| Type: | Unit | Submitted: | 09/24/2021 @ 10:16 AM |
| Test: | Potency | Started: | 9/24/2021 |
| Method: | TM14 (HPLC-DAD) | Reported: | 9/24/2021 |

CANNABINOID PROFILE



| Compound | LOQ (mg) | Result (mg) | Result (mg/g) |
|--|----------|----------------|---------------|
| Delta 9-Tetrahydrocannabinolic acid (THCA-A) | 15.46 | ND | ND |
| Delta 9-Tetrahydrocannabinol (Delta 9THC) | 17.45 | ND | ND |
| Cannabidiolic acid (CBDA) | 18.33 | ND | ND |
| Cannabidiol (CBD) | 17.88 | 21.76 | 0.8 |
| Delta 8-Tetrahydrocannabinol (Delta 8THC) | 19.22 | ND | ND |
| Cannabinolic Acid (CBNA) | 11.01 | ND | ND |
| Cannabinol (CBN) | 5.03 | ND | ND |
| Cannabigerolic acid (CBGA) | 16.13 | ND | ND |
| Cannabigerol (CBG) | 3.86 | 1095.24 | 38.4 |
| Tetrahydrocannabivarinic Acid (THCVA) | 13.64 | ND | ND |
| Tetrahydrocannabivarin (THCV) | 3.51 | ND | ND |
| Cannabidivarinic Acid (CBDVA) | 7.65 | ND | ND |
| Cannabidivarin (CBDV) | 4.23 | ND | ND |
| Cannabichromenic Acid (CBCA) | 6.22 | ND | ND |
| Cannabichromene (CBC) | 6.80 | 7.94 | 0.3 |
| Total Cannabinoids | | 1124.94 | 39.4 |
| Total Potential THC** | | ND | ND |
| Total Potential CBD** | | 21.76 | 0.8 |

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa * (0.877)) and



Total CBD = CBD + (CBDa * (0.877))

ND = None Detected (Defined by Dynamic Range of the method)

NOTES:

of Servings = 1, Sample Weight=28.53g

FINAL APPROVAL

| | |
|--|---|
|  Rvan Weems 24-Sep-2021 4:32 PM |  Karen Winternheimer 24-Sep-2021 4:34 PM |
| PREPARED BY / DATE | APPROVED BY / DATE |

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 17025:2005 Accredited A2LA Certificate Number 4329.02



Primal 1000mg CBG FG (PO 81172)

| | | | |
|------------------|---|------------------|-----------------------|
| Batch ID: | CBGG2021B4 | Test ID: | T000161081 |
| Matrix: | Finished Product | Received: | 09/02/2021 @ 10:14 AM |
| Test: | Microbial Contaminants | Started: | 9/2/2021 |
| Method: | TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating) | Reported: | 9/6/2021 |

MICROBIAL CONTAMINANTS

| Contaminant | Method | LOD | LLOQ | ULOQ | Result |
|-------------------------------|--------------------------|-----------------------|-----------------------|---------------------------|----------------------|
| Total Aerobic Count* | TM-26 Culture Plating | 10 ² CFU/g | 10 ³ CFU/g | 1.5x10 ⁵ CFU/g | None Detected |
| Total Coliforms* | TM-27 Culture Plating | 10 ¹ CFU/g | 10 ² CFU/g | 1.5x10 ⁴ CFU/g | None Detected |
| Total Yeast and Molds* | TM-24 Culture Plating | 10 ¹ CFU/g | 10 ² CFU/g | 1.5x10 ⁴ CFU/g | None Detected |
| <i>E. coli</i> | TM-28 Culture Plating | 1 CFU/g | NA | NA | Absent |
| <i>E. coli</i> (STEC) | TM-25 PCR | 1 CFU/g | NA | NA | Absent |
| <i>Salmonella</i> | TM-25 PCR | 1 CFU/g | NA | NA | Absent |

* 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

NOTES:

Free from visual mold, mildew, and foreign matter

DEFINITIONS:


CFU/g = Colony Forming Units per Gram.

LOD = Limit of Detection


ULOQ = Upper Limit of Quantitation

LLOQ = Lower Limit of Quantitation

FINAL APPROVAL


 Brianne Maillot
 9/5/2021
 10:54:00 AM

PREPARED BY / DATE


 Sarah Henning
 9/6/2021
 11:50:00 AM

APPROVED BY / DATE

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Certificate #4329.03

Primal 1000mg CBG FG (PO 81172)


| | | |
|--|----------------------------|----------------------------|
| Batch ID or Lot Number: CBGG2021B4 | Test: Pesticides | Reported: 9/9/21 |
|--|----------------------------|----------------------------|


| | | | |
|------------------------|------------------------|--------------------|----------------------|
| Matrix: Concentrate | Test ID: T000161080 | Started: 9/8/21 | USDA License: N/A |
|------------------------|------------------------|--------------------|----------------------|

| | | | |
|----------------|-----------------------------------|------------------------------------|--------------------|
| Status: N/A | Method: TM17(LC-QQQ LC MS/MS): | Received: 09/02/2021 @ 10:14 AM | Sampler ID: N/A |
|----------------|-----------------------------------|------------------------------------|--------------------|

PESTICIDE DETERMINATION

| Compound | LOQ (ppb) | Result (ppb) | Compound | LOQ (ppb) | Result (ppb) | Compound | LOQ (ppb) | Result (ppb) |
|---------------------|-----------|--------------|-----------------|-----------|--------------|-----------------|-----------|--------------|
| Acephate | 45 | ND | Fenoxycarb | 40 | ND | Paclobutrazol | 48 | ND |
| Acetamiprid | 42 | ND | Fipronil | 25 | ND | Permethrin | 286 | ND |
| Avermectin | 287 | ND | Flonicamid | 52 | ND | Phosmet | 45 | ND |
| Azoxystrobin | 49 | ND | Fludioxonil | 269 | ND | Prophos | 276 | ND |
| Bifenazate | 46 | ND | Hexythiazox | 42 | ND | Propoxur | 44 | ND |
| Boscalid | 46 | ND | Imazalil | 281 | ND | Pyridaben | 281 | ND |
| Carbaryl | 40 | ND | Imidacloprid | 45 | ND | Spinosad A | 35 | ND |
| Carbofuran | 44 | ND | Kresoxim-methyl | 150 | ND | Spinosad D | 55 | ND |
| Chlorantraniliprole | 48 | ND | Malathion | 286 | ND | Spiromesifen | 313 | ND |
| Chlorpyrifos | 500 | ND | Metalaxyl | 45 | ND | Spirotetramat | 326 | ND |
| Clofentezine | 286 | ND | Methiocarb | 44 | ND | Spiroxamine 1 | 17 | ND |
| Diazinon | 294 | ND | Methomyl | 43 | ND | Spiroxamine 2 | 26 | ND |
| Dichlorvos | 290 | ND | MGK 264 1 | 171 | ND | Tebuconazole | 293 | ND |
| Dimethoate | 42 | ND | MGK 264 2 | 115 | ND | Thiacloprid | 45 | ND |
| E-Fenpyroximate | 260 | ND | Myclobutanil | 46 | ND | Thiamethoxam | 45 | ND |
| Etofenprox | 45 | ND | Naled | 48 | ND | Trifloxystrobin | 45 | ND |
| Etoxazole | 303 | ND | Oxamyl | 1500 | ND | | | |


 Sam Smith
 9/9/2021
 3:33:00 PM


 Karen Winternheimer
 9/9/2021
 3:34:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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Certificate #4329.02

Primal 1000mg CBG FG (PO 81172)

| | | |
|--|------------------------|----------------------------|
| Batch ID or Lot Number: CBGG2021B4 | Test: Metals | Reported: 9/8/21 |
|--|------------------------|----------------------------|

| | | | |
|-----------------|------------------------|--------------------|----------------------|
| Matrix: Unit | Test ID: T000161082 | Started: 9/7/21 | USDA License: N/A |
|-----------------|------------------------|--------------------|----------------------|


| | | | |
|----------------|--|------------------------------------|--------------------|
| Status: N/A | Method: TM19 (ICP-MS): Heavy Metals | Received: 09/02/2021 @ 10:14 AM | Sampler ID: N/A |
|----------------|--|------------------------------------|--------------------|

HEAVY METALS DETERMINATION

| Compound | Dynamic Range (ppm) | Result (ppm) | Notes |
|----------|---------------------|--------------|-------|
| Arsenic | 0.048 - 4.85 | ND | |
| Cadmium | 0.047 - 4.69 | ND | |
| Mercury | 0.044 - 4.44 | ND | |
| Lead | 0.048 - 4.77 | ND | |

| | |
|--|--|
|  | Daniel Weidensaul 8-Sep-21 4:22 PM |
|--|--|

PREPARED BY / DATE

| | |
|---|-----------------------------------|
|  | Ryan Weems 8-Sep-21 4:25 PM |
|---|-----------------------------------|

APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

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