

Prepared for:

Coseva

428 E Winchester Street Suite 235
Salt Lake City, Utah USA 84107

Advanced CBD Peppermint

| | | | |
|--|---------------------------------------|-----------------------------|-------------|
| Batch ID or Lot Number: CAJ52223-1 | Test, Test ID and Methods: Various | Matrix: Finished Product | Page 1 of 6 |
| Reported: 26May2023 | Started: 25May2023 | Received: 25May2023 | |

Heavy Metals

Test ID: T000244923

Methods: TM19 (ICP-MS): Heavy

| Metals | Dynamic Range (ppm) | Result (ppm) | Notes |
|---------|---------------------|--------------|-------|
| Arsenic | 0.05 - 4.73 | ND | |
| Cadmium | 0.05 - 4.58 | ND | |
| Mercury | 0.05 - 4.60 | ND | |
| Lead | 0.04 - 4.38 | ND | |

Final Approval


Rachel Morris
26May2023
12:35:00 PM MDT

PREPARED BY / DATE


Sam Smith
26May2023
12:37:00 PM MDT

APPROVED BY / DATE

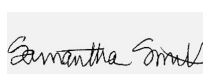
Cannabinoids

Test ID: T000244920


Methods: TM14 (HPLC-DAD)

| | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) | Notes |
|--|---------|---------|--------------|---------------|-------|
| Cannabichromene (CBC) | 0.011 | 0.035 | ND | ND | |
| Cannabichromenic Acid (CBCA) | 0.010 | 0.032 | ND | ND | |
| Cannabidiol (CBD) | 0.028 | 0.087 | 2.090 | 20.90 | |
| Cannabidiolic Acid (CBDA) | 0.029 | 0.090 | ND | ND | |
| Cannabidivarin (CBDV) | 0.007 | 0.021 | <LOQ | <LOQ | |
| Cannabidivarinic Acid (CBDVA) | 0.012 | 0.037 | ND | ND | |
| Cannabigerol (CBG) | 0.006 | 0.020 | 0.030 | 0.30 | |
| Cannabigerolic Acid (CBGA) | 0.026 | 0.084 | ND | ND | |
| Cannabinol (CBN) | 0.008 | 0.026 | ND | ND | |
| Cannabinolic Acid (CBNA) | 0.018 | 0.057 | ND | ND | |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC) | 0.031 | 0.100 | ND | ND | |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC) | 0.028 | 0.091 | ND | ND | |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.025 | 0.081 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.006 | 0.018 | ND | ND | |
| Tetrahydrocannabivarinic Acid (THCVA) | 0.022 | 0.071 | ND | ND | |
| Total Cannabinoids | | | 2.120 | 21.20 | |
| Total Potential THC | | | ND | ND | |
| Total Potential CBD | | | 2.090 | 20.90 | |

Final Approval


Sam Smith
30May2023
02:33:00 PM MDT

PREPARED BY / DATE


Karen Winternheimer
30May2023
02:35:00 PM MDT

APPROVED BY / DATE

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Residual Solvents

Test ID: T000244924


Methods: TM04 (GC-MS): Residual

| Solvents | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane | 90 - 1795 | ND | |
| Butanes (Isobutane, n-Butane) | 184 - 3682 | ND | |
| Methanol | 55 - 1092 | ND | |
| Pentane | 92 - 1837 | ND | |
| Ethanol | 94 - 1883 | ND | |
| Acetone | 90 - 1798 | ND | |
| Isopropyl Alcohol | 92 - 1846 | ND | |
| Hexane | 5 - 108 | ND | |
| Ethyl Acetate | 90 - 1809 | ND | |
| Benzene | 0.2 - 3.6 | ND | |
| Heptanes | 92 - 1843 | ND | |
| Toluene | 16 - 326 | ND | |
| Xylenes (m,p,o-Xylenes) | 120 - 2395 | ND | |

Final Approval


Rachel Morris
30May2023
05:02:00 PM MDT

PREPARED BY / DATE


Sam Smith
30May2023
05:02:00 PM MDT

APPROVED BY / DATE

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Microbial Contaminants

Test ID: T000244922

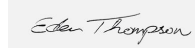
Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

| | 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



Brett Hudson
28May2023
11:02:00 AM MDT



Eden Thompson-Wright
31May2023
11:06:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Mycotoxins

Test ID: T000244925

Methods: TM18 (UHPLC-QQQ)

LCMS/MS): Mycotoxins

| | Dynamic Range (ppb) | Result (ppb) | Notes |
|---------------------------------------|---------------------|--------------|-------|
| Ochratoxin A | 4.32 - 139.48 | ND | N/A |
| Aflatoxin B1 | 0.95 - 35.53 | ND | |
| Aflatoxin B2 | 0.85 - 35.63 | ND | |
| Aflatoxin G1 | 0.92 - 35.63 | ND | |
| Aflatoxin G2 | 0.92 - 36.14 | ND | |
| Total Aflatoxins (B1, B2, G1, and G2) | | ND | |

Final Approval



Sam Smith
31May2023
01:51:00 PM MDT



Karen Winternheimer
31May2023
01:53:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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Pesticides


Test ID: T000244921

Methods: TM17

| (LC-QQ LC MS/MS) | Dynamic Range (ppb) | Result (ppb) | | Dynamic Range (ppb) | Result (ppb) | |
|---------------------|---------------------|--------------|--|---------------------|--------------|----|
| Abamectin | 259 - 2844 | ND | | Malathion | 290 - 2732 | ND |
| Acephate | 42 - 2785 | ND | | Metalaxyl | 44 - 2731 | ND |
| Acetamiprid | 42 - 2735 | ND | | Methiocarb | 43 - 2750 | ND |
| Azoxystrobin | 46 - 2696 | ND | | Methomyl | 42 - 2794 | ND |
| Bifenazate | 41 - 2719 | ND | | MGK 264 1 | 180 - 1681 | ND |
| Boscalid | 52 - 2649 | ND | | MGK 264 2 | 114 - 1072 | ND |
| Carbaryl | 41 - 2726 | ND | | Myclobutanil | 41 - 2740 | ND |
| Carbofuran | 43 - 2710 | ND | | Naled | 49 - 2751 | ND |
| Chlorantraniliprole | 41 - 2771 | ND | | Oxamyl | 43 - 2776 | ND |
| Chlorpyrifos | 51 - 2721 | ND | | Paclobutrazol | 45 - 2738 | ND |
| Clofentezine | 291 - 2751 | ND | | Permethrin | 262 - 2719 | ND |
| Diazinon | 284 - 2724 | ND | | Phosmet | 39 - 2688 | ND |
| Dichlorvos | 285 - 2789 | ND | | Prophos | 281 - 2732 | ND |
| Dimethoate | 44 - 2745 | ND | | Propoxur | 41 - 2716 | ND |
| E-Fenpyroximate | 282 - 2714 | ND | | Pyridaben | 289 - 2686 | ND |
| Etofenprox | 42 - 2693 | ND | | Spinosad A | 34 - 2079 | ND |
| Etoxazole | 290 - 2686 | ND | | Spinosad D | 63 - 656 | ND |
| Fenoxycarb | 13 - 2766 | ND | | Spiromesifen | 265 - 2700 | ND |
| Fipronil | 28 - 2735 | ND | | Spirotetramat | 274 - 2738 | ND |
| Flonicamid | 50 - 2822 | ND | | Spiroxamine 1 | 19 - 1212 | ND |
| Fludioxonil | 296 - 2655 | ND | | Spiroxamine 2 | 22 - 1523 | ND |
| Hexythiazox | 39 - 2714 | ND | | Tebuconazole | 293 - 2735 | ND |
| Imazalil | 301 - 2741 | ND | | Thiacloprid | 42 - 2724 | ND |
| Imidacloprid | 42 - 2778 | ND | | Thiamethoxam | 40 - 2772 | ND |
| Kresoxim-methyl | 52 - 2733 | ND | | Trifloxystrobin | 43 - 2707 | ND |

Final Approval


 Sam Smith
 05Jun2023
 11:12:00 AM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 05Jun2023
 11:20:00 AM MDT
 APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/d398ba19-a245-4833-8031-a77df3cf9f33>

Definitions
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (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)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC 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)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. 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.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



Cert #4329.02
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