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GAMA Report ID: CCIC-10130
 Report Submitted: 2/3/2024

[B] Client Info

CommCan Inc.
 2 Marc Rd., Medway, MA, 02053
 License: RMD565-C
 Metrc Manifest: 2055134
 Date Received: 1/31/2024

[C] Sample Identification

METRC Batch ID: 240117-002-GMO-0600
 METRC Sample ID: 1A40A0100000CE6000010130
 METRC Source ID: 1A40A0100000CE6000010600
 ME Batch ID: N/A
 QBench Order ID: CCIC5789

[D] Sample Properties

Sample Weight (g): 6.58

[E] Product Characterization

Production Stage: Raw Plant Material
 Product Class: Buds
 Retail Name: GMO

[F] Results for Requested Analyses

Y = Tested "-" = Not Tested P = Pass F = Fail

| | | | | | | | | | | | |
|---------------------|---|---------------------|---|-----------------|---|------------------------|---|--------------------|---|----------------------|---|
| Cannabinoid Profile | Y | Terpene Profile | Y | Heavy Metals | P | Residual Solvents | - | Pesticides | P | Total Yeast and Mold | P |
| Mycotoxins | P | Pathogenic Bacteria | P | Total Coliforms | P | Total Aerobic Bacteria | P | Enterobacteriaceae | P | Vitamin E Acetate | - |

[G] Authorization

Green Analytics Massachusetts is an Independent Testing Laboratory accredited to ISO/IEC 17025:2017 and licensed by the Massachusetts Cannabis Control Commission (CCC, # IL281277). Analytical methods and best-practices used are in compliance with the CCC's Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for MA Registered Medical Marijuana Dispensaries. The net/gross weight of the sample received was verified and all analyses were conducted at the GAMA laboratory. Quality control checks were prepared at known concentrations and run alongside batched client samples. Results presented here pertain to the sample received and relate only to items tested. This Analytical Report shall not be reproduced except in full without GAMA approval. Where statements of conformity are reported ('pass' vs. 'fail'), the simple acceptance decision rule is applied.



Kimberly Ross, PhD

Kimberly Ross, PhD
 Laboratory Director

[H] Cannabinoid Profile Metrc Id Tag: 1A40A0100000CE6000010130 Analysis Date: 02/01/2024
 Datafile: CCIC-10130_1A40A0100000CE6000010130_523059_POTENCY_B_20240131_AP_01_1312024_034.txt Analyst(s): NG

Cannabinoids were analyzed using a High Performance Liquid Chromatograph equipped with a Photodiode Array Detector (HPLC-PDA) following SHMA SOP-002-GA; SOP-025-GA; SOP-073-GA. | Test ID: #526077

| Cannabinoid | LOQ (%) | % | mg/g |
|------------------------------------|---------|---------------|---------------|
| Tetrahydrocannabinolic acid (THCA) | 0.097 | 35.214 | 352.14 |
| Δ9-Tetrahydrocannabinol (Δ9-THC) | 0.121 | BLQ | BLQ |
| Cannabidiolic acid (CBDA) | 0.126 | ND | ND |
| Cannabidiol (CBD) | 0.120 | ND | ND |
| Cannabinol (CBN) | 0.110 | ND | ND |
| Cannabichromene (CBC) | 0.110 | ND | ND |
| Cannabigerolic acid (CBGA) | 0.114 | 2.068 | 20.68 |
| Cannabigerol (CBG) | 0.109 | 0.364 | 3.64 |
| Cannabidivarin (CBDV) | 0.110 | ND | ND |
| Tetrahydrocannabivarin (THCV) | 0.110 | ND | ND |
| Δ8-Tetrahydrocannabinol (Δ8-THC) | 0.110 | ND | ND |
| Total Cannabinoids | | 37.646 | 376.46 |

Note "NT": Not Tested; "ND": Not Detected; "BLQ": Below limit of Quantification.

[I] Heavy Metals Analysis Metrc Id Tag: 1A40A0100000CE6000010130 Analysis Date: 02/02/2024
 Datafile: DIG-20240131_AP_01 CCIC-10130.062 Analyst(s): RD

Heavy Metals were analyzed using an Inductively Coupled Plasma Mass Spectrometer (ICP-MS) following SHMA SOP-021-GA; SOP-061-GA; SOP-072-GA. - **Limit units: ppb** | Test ID: #523062

| Analyte | LOQ (ppb) | Result (ppb) | Limit | Pass/Fail |
|---------------|-----------|--------------|-------|-----------|
| Total Arsenic | 132.9 | ND | 200 | PASS |
| Cadmium | 131.7 | ND | 200 | PASS |
| Total Mercury | 88.0 | ND | 100 | PASS |
| Lead | 175.8 | ND | 500 | PASS |

Note "NT": Not Tested; "ND": Not Detected; "BLQ": Below limit of Quantification.

[J] Microbial Contaminants Analysis Metrc Id Tag: 1A40A0100000CE6000010130 Analyst(s): JT

Microbial Contaminants were measured using a quantitative PCR (qPCR) technique from which the resulting Cq values were converted to colony forming units per gram (CFU/g) following SHMA SOP-701-GA; SOP-702-GA; SOP-703-GA; SOP-704-GA. - **Limit units: CFU/g** | Test IDs: 523070, 523069, 523068, 523065

| Analyte | Result (CFU/g) | Datafile | Analysis Date | Limit (CFU/g) | Finding |
|-------------------------------------|----------------|---------------------------------|---------------|---------------|---------|
| Total Yeast and Mold (TYM) | ND | PCR-20240201_KJP_TYM.pcrd.xlsx | 02/02/2024 | 10000 | PASS |
| Total Viable Aerobic Bacteria (TAC) | ND | PCR-20240201_KJP_TAC.pcrd.xlsx | 02/02/2024 | 100000 | PASS |
| Total Coliforms (TC) | ND | PCR-20240201_KJP_COL.pcrd.xlsx | 02/02/2024 | 1000 | PASS |
| Enterobacteriaceae (EB) | ND | PCR-20240201_KJP_BTGN.pcrd.xlsx | 02/02/2024 | 1000 | PASS |

Note "NT": Not Tested; "ND": Not Detected.

[K] Pathogenic Bacteria Results Metrc Id Tag: 1A40A0100000CE6000010130 Analyst(s): JT

The presence or absence of STEC E. coli and Salmonella spp in the sample was determined using a PCR technique. Samples were incubated for a minimum of 18 hours prior to DNA extraction following SHMA SOP-701-GA; SOP-702-GA; SOP-703-GA; SOP-704-GA. - **Limit units: CFU/g** | Test IDs: 523066, 523067

| Analyte | Result | Datafile | Analysis Date | Limit | Finding |
|-----------------|--------------------|-------------------------------|---------------|--------------------|---------|
| STEC E. Coli | Not Detected in 1g | PCR-20240130_SFD_D2.pcrd.xlsx | 02/03/2024 | Detection in 1.0 g | PASS |
| Salmonella spp. | Not Detected in 1g | PCR-20240130_SFD_D2.pcrd.xlsx | 02/03/2024 | Detection in 1.0 g | PASS |

Note "NT": Not Tested; "ND": Not Detected.

[L] Mycotoxins Results Metrc Id Tag: 1A40A0100000CE6000010130 Analysis Date: 02/03/2024
 Datafile: DataPGMY_A_20240201_BJ_01.wiff (sample 63) Analyst(s): SD

Mycotoxins were analyzed using a High Performance Liquid Chromatograph equipped with a tandem Mass Spectrometer (LC/MS/MS) following SHMA SOP-002-GA; SOP-062-GA; SOP-070-GA. - **Limit units: µg/kg** | Test ID: #523064

| Analyte | LOQ (ppb) | Result (ppb) | Limit (ppb) | Finding |
|--------------|-----------|--------------|-------------|---------|
| Aflatoxin B1 | 10.0 | ND | 20 | PASS |
| Aflatoxin B2 | 10.0 | ND | 20 | PASS |
| Aflatoxin G1 | 10.0 | ND | 20 | PASS |
| Aflatoxin G2 | 10.0 | ND | 20 | PASS |
| Ochratoxin A | 10.0 | ND | 20 | PASS |

Note "NT": Not Tested; "ND": Not Detected; "BLQ": Below limit of Quantification.

[N] Pesticides Results Metrc Id Tag: 1A40A0100000CE6000010130 Analysis Date: 02/03/2024
 Datafile: DataPGMY_A_20240201_BJ_01.wiff (sample 63) Analyst(s): SD

Pesticides were analyzed using a High Performance Liquid Chromatograph equipped with a tandem Mass Spectrometer (LC/MS/MS) following SHMA SOP-002-GA; SOP-062-GA; SOP-070-GA. - **Limit units: ppb** | Test ID: #523063

| Analyte | LOQ (ppb) | Result (ppb) | Limit (ppb) | Finding |
|-----------------|-----------|--------------|-------------|---------|
| Bifenazate | 5.0 | ND | 10 | PASS |
| Bifenthrin | 5.0 | ND | 10 | PASS |
| Cyfluthrin | 5.0 | ND | 10 | PASS |
| Etoazole | 5.0 | ND | 10 | PASS |
| Imazalil | 5.0 | ND | 10 | PASS |
| Imidacloprid | 5.0 | ND | 10 | PASS |
| Myclobutanil | 5.0 | ND | 10 | PASS |
| Spiromesifen | 5.0 | ND | 10 | PASS |
| Trifloxystrobin | 5.0 | ND | 10 | PASS |

Note "NT": Not Tested; "ND": Not Detected; "BLQ": Below limit of Quantification.

[P] Terpenes Profile Metrc Id Tag: 1A40A0100000CE6000010130 Analysis Date: 02/02/2024
 Datafile: CCIC-10130_1A40A0100000CE6000010130_523061_717-TP-20240131_JP_212024_13.txt Analyst(s): BK

Terpenes were analyzed using a Liquid Injection Autosampler coupled to a Gas Chromatograph equipped with a tandem Mass Spectrometer (GC/MS/MS) following SHMA SOP-011-GA; SOP-067-GA; SOP-010-GA. | Test ID: #523061

| Analyte | LOQ (%) | Result (%) | Result (mg/g) |
|-----------------------|---------|--------------|---------------|
| α-Pinene | 0.01 | 0.080 | 0.8 |
| β-Pinene | 0.01 | 0.111 | 1.11 |
| β-Myrcene | 0.01 | 0.401 | 4.01 |
| Limonene | 0.01 | 0.699 | 6.99 |
| Terpinolene | 0.01 | 0.050 | 0.5 |
| Linalool | 0.01 | 0.132 | 1.32 |
| Caryophyllene | 0.01 | 0.647 | 6.47 |
| α-Humulene | 0.01 | 0.247 | 2.47 |
| Caryophyllene Oxide | 0.01 | 0.072 | 0.72 |
| α-Bisabolol | 0.01 | 0.134 | 1.34 |
| Total Terpenes | | 2.573 | 25.73 |

Note "NT": Not Tested; "ND": Not Detected; "BLQ": Below limit of Quantification.

- End of Analytical Report -