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GAMA Report ID: LZRC-16904
Report Submitted: 10/24/2024

Client Info

Lazy River Products, LLC
145 Broadway Road Dracut, MA 01826
License: MC282085
Metrc Manifest: 2534995
Date Received: 10/18/2024

Sample Identification

METRC Batch ID: KC-F2-09242024
METRC Sample ID: 1A40A0300003459000016904
METRC Source ID: 1A40A0300003459000016903
ME Batch ID: N/A
QBench Order ID: LZRC9303

Sample Properties

Sample Weight (g): 11
Moisture Content (%)¹: 7.59

1 - Laboratory determined value

Product Characterization

Production Stage: Raw Plant Material
Product Class: Buds
Retail Name: Kauai Candy

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

Entero-
bacteriaceae

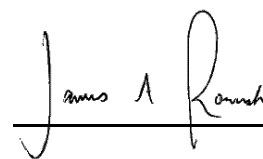
P

Vitamin E
Acetate

-

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 per sub-sampling SOP-071-GA. 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, however the measurement uncertainty associated with the test method applied (not displayed in this simplified report) may impact the certainty with which a statement of conformity is made. This simplified report may not display all test methods' limits of detection (LODs), however this data is also available upon request.



James Roush
Laboratory Director

Cannabinoid Profile

Metric ID Tag: 1A40A0300003459000016904

Test ID: #861076

Analysis Date: 10/22/2024

Cannabinoids were analyzed using a High Performance Liquid Chromatograph equipped with a Photodiode Array Detector (HPLC-PDA) following GAMA SOP-002-GA; SOP-025-GA; SOP-073-GA.

| Cannabinoid | LOQ (%) | Result (%) | Result (mg/g) |
|------------------------------------|---------|---------------|---------------|
| Tetrahydrocannabinolic acid (THCA) | 0.040 | 20.097 | 200.97 |
| Δ9-Tetrahydrocannabinol (Δ9-THC) | 0.040 | 0.717 | 7.17 |
| Cannabidiolic acid (CBDA) | 0.040 | ND | ND |
| Cannabidiol (CBD) | 0.040 | ND | ND |
| Cannabinol (CBN) | 0.040 | ND | ND |
| Cannabichromene (CBC) | 0.040 | ND | ND |
| Cannabigerolic acid (CBGA) | 0.040 | 0.130 | 1.30 |
| Cannabigerol (CBG) | 0.040 | 0.427 | 4.27 |
| Cannabidivarin (CBDV) | 0.040 | ND | ND |
| Tetrahydrocannabivarin (THCV) | 0.040 | ND | ND |
| Δ8-Tetrahydrocannabinol (Δ8-THC) | 0.040 | ND | ND |
| Total THC | | 18.342 | 183.42 |
| Total CBD | | ND | ND |
| Total Cannabinoids | | 21.371 | 213.71 |

Total THC: Δ9-THC + (THCA * 0.877)

Total CBD: CBD + (CBDA * 0.877)

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

Heavy Metals Analysis

Metric ID Tag: 1A40A0300003459000016904

Test ID: #861080

Analysis Date: 10/21/2024

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

| 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 | BLQ | 100 | PASS |
| Lead | 175.8 | ND | 500 | PASS |

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

Microbial Contaminants Analysis

Metric ID Tag: 1A40A0300003459000016904

Test IDs: 861082, 861081, 861084, 861083

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 GAMA SOP-701-GA; SOP-702-GA; SOP-703-GA; SOP-704-GA. - **Limit units: CFU/g**

| Analyte | Result (CFU/g) | Analysis Date | Limit (CFU/g) | Finding |
|-------------------------------------|----------------|---------------|---------------|---------|
| Total Yeast and Mold (TYM) | ND | 10/22/2024 | 10000 | PASS |
| Total Viable Aerobic Bacteria (TAC) | 845 | 10/22/2024 | 100000 | PASS |
| Total Coliforms (TC) | ND | 10/22/2024 | 1000 | PASS |
| Enterobacteriaceae (EB) | ND | 10/22/2024 | 1000 | PASS |

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

Pathogenic Bacteria Results

Metric ID Tag: 1A40A0300003459000016904

Test IDs: 861085, 861086

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 GAMA SOP-701-GA; SOP-702-GA; SOP-703-GA; SOP-704-GA. - **Limit units: CFU/g**

| Analyte | Result | Analysis Date | Limit | Finding |
|-----------------|--------------------|---------------|--------------------|---------|
| STEC E. Coli | Not Detected in 1g | 10/22/2024 | Detection in 1.0 g | PASS |
| Salmonella spp. | Not Detected in 1g | 10/22/2024 | Detection in 1.0 g | PASS |

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

Mycotoxins Results

Metric ID Tag: 1A40A0300003459000016904

Test ID: #861079

Analysis Date: 10/23/2024

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

| 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; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

Pesticides Results

Metric ID Tag: 1A40A0300003459000016904

Test ID: #861078

Analysis Date: 10/23/2024

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

| 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 |
| Etoxazole | 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; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

Terpenes Profile

Metric ID Tag: 1A40A0300003459000016904

Test ID: #861077

Analysis Date: 10/23/2024

Terpenes were analyzed using a Liquid Injection Autosampler coupled to a Gas Chromatograph equipped with a tandem Mass Spectrometer (GC/MS/MS) following GAMA SOP-002-MA; SOP-063-MA; SOP-069-MA.

| Analyte | LOQ (%) | Result (%) | Result (mg/g) |
|-----------------------|---------|--------------|---------------|
| α-Pinene | 0.01 | 0.035 | 0.35 |
| β-Pinene | 0.01 | 0.050 | 0.5 |
| β-Myrcene | 0.01 | 0.227 | 2.27 |
| Limonene | 0.01 | 0.281 | 2.81 |
| Terpinolene | 0.01 | BLQ | BLQ |
| Linalool | 0.01 | 0.180 | 1.8 |
| Caryophyllene | 0.01 | 0.275 | 2.75 |
| α-Humulene | 0.01 | 0.074 | 0.74 |
| Caryophyllene Oxide | 0.01 | 0.018 | 0.18 |
| α-Bisabolol | 0.01 | 0.015 | 0.15 |
| Total Terpenes | | 1.155 | 11.55 |

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.

Moisture Profile

Metric ID Tag: 1A40A0300003459000016904

Test ID: #861087

Analysis Date: 10/21/2024

Moisture content analysis utilizing Moisture Balance (MB; SOP-055-MA)

| Analyte | Result (%) |
|-----------------|-------------|
| Moisture | 7.59 |

Note "NT": Not Tested; "ND": Not Detected; "LOQ": Limit of Quantitation; "BLQ": Below LOQ.