

## Raspberry Apple Buds

**Sample ID: 2407INDO0117.0740**

METRC Sample: 1A40A03000038A5000005968  
Metrc Source ID: 1A40A03000038A5000005897  
Manifest ID: 0002378106  
Production Batch No.: Raspberry Apple 6/18/24

Product Type: Plant  
Sample Size: 10 g  
Received: 08/01/2024  
Completed: 08/09/2024  
Produced: 06/18/2024  
Expiration: 08/09/2025

**Client**  
RiverRun Gardens, LLC



### Summary

| Test         | Date Tested | Result   |
|--------------|-------------|----------|
| Cannabinoids | 08/05/2024  | Complete |
| Terpenes     | 08/05/2024  | Complete |
| Microbials   | 08/09/2024  | Pass     |
| Mycotoxins   | 08/07/2024  | Pass     |
| Pesticides   | 08/07/2024  | Pass     |
| Heavy Metals | 08/09/2024  | Pass     |

### Cannabinoids

Complete

|                            |                             |                                     |
|----------------------------|-----------------------------|-------------------------------------|
| <b>22.01%</b><br>Total THC | <b>&lt;LOQ</b><br>Total CBD | <b>25.93%</b><br>Total Cannabinoids |
|----------------------------|-----------------------------|-------------------------------------|

| Analyte      | LOQ  | Result       | Mass         |
|--------------|------|--------------|--------------|
|              | %    | %            | mg/g         |
| CBDVa        | 0.07 | <LOQ         | <LOQ         |
| CBDV         | 0.07 | <LOQ         | <LOQ         |
| CBDa         | 0.07 | <LOQ         | <LOQ         |
| CBGa         | 0.07 | 0.57         | 5.70         |
| CBG          | 0.07 | 0.19         | 1.90         |
| CBD          | 0.07 | ND           | ND           |
| THCV         | 0.07 | ND           | ND           |
| THCVa        | 0.07 | 0.14         | 1.40         |
| CBN          | 0.07 | ND           | ND           |
| Δ9-THC       | 0.07 | 0.48         | 4.80         |
| Δ8-THC       | 0.07 | ND           | ND           |
| CBC          | 0.07 | ND           | ND           |
| THCa         | 0.07 | 24.55        | 245.50       |
| <b>Total</b> |      | <b>25.93</b> | <b>259.3</b> |

Analyst: SM  
Date Tested: 08/05/2024

Total THC = (THCa \* 0.877) + Δ9-THC  
Total CBD = (CBDa \* 0.877) + CBD  
Total Active Cannabinoids (TAC) = Sum of all, with no corrections  
ND = Not Detect, LOQ = Limit of Quantitation, NT = Not Tested  
All analytes were extracted in solvent and analyzed by High Performance Liquid Chromatography (HPLC).



*Nick Masso*  
Nick Masso  
Chief Executive Officer  
08/09/2024

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### Terpenes

| Analyte             | LOQ   | Result       | Mass          |
|---------------------|-------|--------------|---------------|
|                     | %     | %            | mg/g          |
| Nerolidol 2         | 0.020 | 0.747        | 7.470         |
| δ-Limonene          | 0.033 | 0.352        | 3.520         |
| β-Caryophyllene     | 0.033 | 0.288        | 2.880         |
| Linalool            | 0.033 | 0.229        | 2.290         |
| β-Myrcene           | 0.033 | 0.195        | 1.950         |
| β-Pinene            | 0.033 | 0.178        | 1.780         |
| α-Pinene            | 0.033 | 0.144        | 1.440         |
| Nerolidol 1         | 0.014 | 0.119        | 1.190         |
| α-Humulene          | 0.033 | 0.106        | 1.060         |
| 3-Carene            | 0.033 | ND           | ND            |
| α-Bisabolol         | 0.033 | ND           | ND            |
| α-Terpinene         | 0.033 | ND           | ND            |
| Camphene            | 0.033 | ND           | ND            |
| Caryophyllene Oxide | 0.033 | ND           | ND            |
| Ocimene 1           | 0.033 | ND           | ND            |
| Eucalyptol          | 0.033 | ND           | ND            |
| γ-Terpinene         | 0.033 | ND           | ND            |
| Geraniol            | 0.033 | ND           | ND            |
| Guaiol              | 0.033 | ND           | ND            |
| Isopulegol          | 0.033 | ND           | ND            |
| p-Cymene            | 0.033 | ND           | ND            |
| Terpinolene         | 0.033 | ND           | ND            |
| Ocimene 2           | 0.033 | ND           | ND            |
| <b>Total</b>        |       | <b>2.358</b> | <b>23.580</b> |

### Primary Aromas



Analyst: CK

Date Tested: 08/05/2024

All analytes were extracted and analyzed by Headspace - Gas Chromatography - Mass Spectrometry (HS-GC-MS). This parameter was an additional request from the client and is not part of the monitoring requirements



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| Pesticides      |      |       |        |        | Pass | Microbials                           |       |          |              |        | Pass |
|-----------------|------|-------|--------|--------|------|--------------------------------------|-------|----------|--------------|--------|------|
| Analyte         | LOQ  | Limit | Result | Status |      | Analyte                              | LOQ   | Limit    | Result       | Status |      |
|                 | PPB  | PPB   | PPB    |        |      |                                      | CFU/g | CFU/g    | CFU/g        |        |      |
| Bifenazate      | 10.0 | 10.0  | ND     | Pass   |      | Aerobic Bacteria                     | 10000 | 100000   | ND           | Pass   |      |
| Bifenthrin      | 10.0 | 10.0  | ND     | Pass   |      | Yeast & Mold                         | 1000  | 10000    | ND           | Pass   |      |
| Cyfluthrin      | 10.0 | 10.0  | ND     | Pass   |      | Coliforms                            | 100   | 1000     | ND           | Pass   |      |
| Etoxazole       | 10.0 | 10.0  | ND     | Pass   |      | Bile-Tolerant Gram-Negative Bacteria | 100   | 1000     | ND           | Pass   |      |
| Imazalil        | 10.0 | 10.0  | ND     | Pass   |      | E. Coli                              |       | Detected | Not Detected | Pass   |      |
| Imidacloprid    | 10.0 | 10.0  | ND     | Pass   |      | Salmonella                           |       | Detected | Not Detected | Pass   |      |
| Myclobutanil    | 10.0 | 10.0  | ND     | Pass   |      |                                      |       |          |              |        |      |
| Spiromesifen    | 10.0 | 10.0  | ND     | Pass   |      |                                      |       |          |              |        |      |
| Trifloxystrobin | 10.0 | 10.0  | ND     | Pass   |      |                                      |       |          |              |        |      |

Analyst: CK  
Date Tested: 08/07/2024  
All analytes were extracted in solvent and analyzed by Ultra Performance Liquid Chromatography - Tandem Mass Spectrometry (UPLC-MS-MS).

Analyst: NM  
Date Tested: 08/09/2024  
Salmonella and Shiga toxin-producing E. coli (STEC) were analyzed by quantitative Polymerase Chain Reaction (qPCR) with confirmatory plating where necessary, while remaining analytes were analyzed by Most Probable Number (MPN) enumeration.

| Heavy Metals |      |       |        |        | Pass | Mycotoxins       |      |       |        |        | Pass |
|--------------|------|-------|--------|--------|------|------------------|------|-------|--------|--------|------|
| Analyte      | LOQ  | Limit | Result | Status |      | Analyte          | LOQ  | Limit | Result | Status |      |
|              | PPB  | PPB   | PPB    |        |      |                  | PPB  | PPB   | PPB    |        |      |
| Arsenic      | 10.0 | 200.0 | ND     | Pass   |      | B1               | 10.0 |       | ND     | Tested |      |
| Cadmium      | 10.0 | 200.0 | ND     | Pass   |      | B2               | 10.0 |       | ND     | Tested |      |
| Lead         | 10.0 | 500.0 | ND     | Pass   |      | G1               | 10.0 |       | ND     | Tested |      |
| Mercury      | 10.0 | 100.0 | ND     | Pass   |      | G2               | 10.0 |       | ND     | Tested |      |
|              |      |       |        |        |      | Ochratoxin A     | 10.0 | 10.0  | ND     | Pass   |      |
|              |      |       |        |        |      | Total Aflatoxins | 10.0 | 20.0  | ND     | Pass   |      |

Analyst: RM  
Date Tested: 08/09/2024  
All analytes were prepared by microwave assisted acid digestion and analyzed by Inductively Coupled Plasma Mass Spectrometry (ICP-MS).

Analyst: CK  
Date Tested: 08/07/2024  
All analytes were extracted in solvent and analyzed by Ultra Performance Liquid Chromatography - Tandem Mass Spectrometry (UPLC-MS-MS).



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### Case Narrative

Associated sample was received by Indo Laboratories from a registered agent in sealed container(s), labeled with unique identification number(s). Sampling was completed by the client; Indo Laboratories cannot attest to conformance with established sampling protocols.

Sample was analyzed as received and is reported in conformance with applicable regulations and guidance, with no non-conformances to note. PASS/FAIL determinations summarized on page 1 are based on limits established by the Commonwealth of Massachusetts. Reported results account for measurement uncertainty prior to assessment against established limits.

All data contained in this report has been review for accuracy to ensure all quality control requirements are met and conform with ISO/IEC 17025:2017. Results pertain only to the samples submitted by the client and shall not be altered, modified, supplemented or abstracted in any manner.



  
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