

## 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> Total THC	<b>&lt;LOQ</b> Total CBD	<b>25.93%</b> Total Cannabinoids
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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
Guaial	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

 Orange	 Lemon	 Cinnamon	 Lavender	 Hops
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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

Analyte	LOQ	Limit	Result	Status
	PPB	PPB	PPB	
Bifenazate	10.0	10.0	ND	Pass
Bifenthrin	10.0	10.0	ND	Pass
Cyfluthrin	10.0	10.0	ND	Pass
Etoxazole	10.0	10.0	ND	Pass
Imazalil	10.0	10.0	ND	Pass
Imidacloprid	10.0	10.0	ND	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).

**Pass**

### Microbials

Analyte	LOQ	Limit	Result	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	10000	100000	ND	Pass
Yeast & Mold	1000	10000	ND	Pass
Coliforms	100	1000	ND	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	ND	Pass
E. Coli		Detected	Not Detected	Pass
Salmonella		Detected	Not Detected	Pass

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.

**Pass**

### Heavy Metals

Analyte	LOQ	Limit	Result	Status
	PPB	PPB	PPB	
Arsenic	10.0	200.0	ND	Pass
Cadmium	10.0	200.0	ND	Pass
Lead	10.0	500.0	ND	Pass
Mercury	10.0	100.0	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).

**Pass**

### Mycotoxins

Analyte	LOQ	Limit	Result	Status
	PPB	PPB	PPB	
B1	10.0		ND	Tested
B2	10.0		ND	Tested
G1	10.0		ND	Tested
G2	10.0		ND	Tested
Ochratoxin A	10.0	10.0	ND	Pass
Total Aflatoxins	10.0	20.0	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).

**Pass**



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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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