

4,000mg Muscle & Joint Cream

METRC Batch: BACFCACD@1
METRC Sample:
Sample ID: 2310ENC1933_6106
Strain: 4,000mg Muscle & Joint Cream
Matrix: Topical
Type: Lotion
Batch#:

Produced: 10/25/2023
Collected: 10/31/2023
Received: 10/31/2023
Completed: 11/01/2023
Sample Size: 1 units;

Distributor
Nirvana Organics

Lic. #
9383 Cincinnati Columbus Road
West Chester, Ohio 45069



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	10/31/2023	LC-DAD	Complete

Cannabinoids

Method: SOP EL-CANNABINOIDS

ND Total THC	4664.27 mg/unit Total CBD	4664.27 mg/unit Total Cannabinoids
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Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.126	0.381	ND	ND	ND
Δ9-THC	0.135	0.408	ND	ND	ND
Δ8-THC	0.149	0.451	ND	ND	ND
THCVa	0.145	0.440	ND	ND	ND
THCV	0.150	0.455	ND	ND	ND
CBDa	0.132	0.400	ND	ND	ND
CBD	0.127	0.385	7.774	77.74	4664.27
CBN	0.120	0.363	ND	ND	ND
CBGa	0.143	0.434	ND	ND	ND
CBG	0.132	0.400	ND	ND	ND
CBCa	0.117	0.354	ND	ND	ND
CBC	0.137	0.416	ND	ND	ND
Total THC			ND	ND	ND
Total CBD			7.774	77.74	4664.270
Total Cannabinoids			7.774	77.74	4664.270
Sum of Cannabinoids			7.774	77.74	4664.270

1 Unit = 60g;

Total THC = THCa * 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms * 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



Kevin Nolan

Kevin Nolan
Laboratory Director | 11/01/2023



Nirvana Organics

Sample: 06-23-2023-33955

Sample Received: 06/23/2023;

Report Created: 06/26/2023; Expires: 06/26/2024

Apple Tartz
Plant, Flower - Uncured



21.356 %
Total THC

0.249 %
Δ-9 THC

25.827 %
Total Cannabinoids

<LOQ %
Total CBD

Cannabinoids

(Testing Method: HPLC, CON-P-3000)
Date Tested: 06/26/2023

Complete

Analyte	LOQ	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8-THC)	0.0500	0.0750	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9-THC)	0.0500	0.0750	0.249	2.490
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0500	0.0750	24.067	240.670
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0500	0.0750	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0500	0.0750	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0500	0.0750	0.086	0.860
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0500	0.0750	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0500	0.0750	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0500	0.0750	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0500	0.0750	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0500	0.0750	ND	ND
Cannabidivarin (CBDV)	0.0500	0.0750	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0500	0.0750	ND	ND
Cannabidiol (CBD)	0.0500	0.0750	ND	ND
Cannabidiolic Acid (CBDA)	0.0370	0.0750	<LOQ	<LOQ
Cannabigerol (CBG)	0.0500	0.0750	0.088	0.880
Cannabigerolic Acid (CBGA)	0.0500	0.0750	1.135	11.350
Cannabinol (CBN)	0.0500	0.0750	ND	ND
Cannabinolic Acid (CBNA)	0.0500	0.0750	ND	ND
Cannabichromene (CBC)	0.0500	0.0750	ND	ND
Cannabichromenic Acid (CBCA)	0.0500	0.0750	0.202	2.020
Total			25.827	258.270

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: ± 0.040%
Total CBD Measurement of Uncertainty: ± 2.000%
THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers



New Bloom Labs
6121 Heritage Park Drive, A500
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(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868): ISO/IEC
17025:2017

Natalie Siracusa
Natalie Siracusa
Laboratory Director

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info@relims.com



PINNACLE ANALYTICS

Potency Results

Sample Name: *Blueberry Muffin*
Client: Nirvana Organics
Client Batch ID:

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-276-E193

Date Sampled: 1/25/2024

Matrix: Flower

Date Reported: 1/26/2024

Prep Analyst: Jeff A.

Client License: N/A

Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm

For R&D Purposes Only

Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

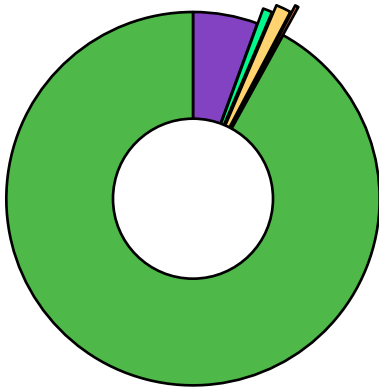
Analysis Batch: 1-26-2024 H3 276, 288, 457 Flower

Total THC (THCA*0.877+d9-THC) **22.1%**
Total CBD (CBDA*0.877+CBD) **<LOQ%**
Moisture Content **10.7%**

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.13	1.3
CBG	0.308	3.08
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.201	2.01
d8-THC*	<LOQ	<LOQ
CBC	0.113	1.13
THCA*	25.0	250.0
Total Cannabinoids	25.75	257.5

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



CBGA	CBC
CBG	THCA*
d9-THC*	



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Kris Ford, PhD
Lab Director



PINNACLE

— ANALYTICS —

Quality Control Results

Analyst: Jeff A.

Analysis Batch: 1-26-2024 H3 276, 288, 457 Flower

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P:(541)300-8217

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-E192-b	Limit	C-FL-012624	Limits	C-FB-012624	Limit
CBDA	<LOQ%	30%	102.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	0.192%	30%	91.4%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	95.7%	90-110%	<LOQ/2	LOQ/2
THCA	4.53%	10%	94.9%	90-110%	<LOQ/2	LOQ/2

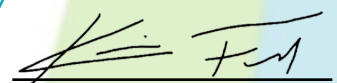
RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Kris Ford, PhD
Lab Director



PINNACLE — ANALYTICS —

Potency Results

Sample Name: *Gelato 41*
Client: Nirvana Organics
Client Batch ID:

Pinnacle-Analytics.com
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Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-276-E194

Date Sampled: 1/25/2024

Matrix: Flower

Date Reported: 1/26/2024

Prep Analyst: Jeff A.

Client License: N/A

Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm

For R&D Purposes Only

Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

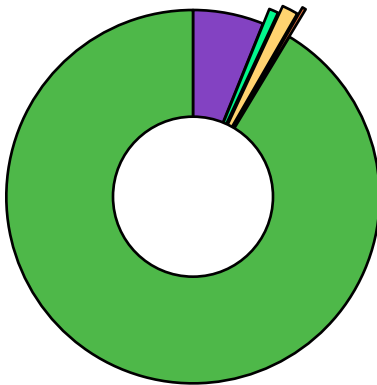
Analysis Batch: 1-26-2024 H3 276, 288, 457 Flower

Total THC (THCA*0.877+d9-THC) **22.2%**
Total CBD (CBDA*0.877+CBD) **<LOQ%**
Moisture Content **11.2%**

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.35	3.5
CBG	0.31	3.1
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.237	2.37
d8-THC*	<LOQ	<LOQ
CBC	0.122	1.22
THCA*	25.1	251.0
Total Cannabinoids	26.12	261.2

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



- CBGA
- CBC
- CBG
- THCA*
- d9-THC*



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Kris Ford, PhD
Lab Director



PINNACLE — ANALYTICS —

Quality Control Results

Analyst: Jeff A.

Analysis Batch: 1-26-2024 H3 276, 288, 457 Flower

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	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-E192-b	Limit	C-FL-012624	Limits	C-FB-012624	Limit
CBDA	<LOQ%	30%	102.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	0.192%	30%	91.4%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	95.7%	90-110%	<LOQ/2	LOQ/2
THCA	4.53%	10%	94.9%	90-110%	<LOQ/2	LOQ/2

RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Kris Ford, PhD
Lab Director



PINNACLE ANALYTICS

Potency Results

Sample Name: *Platinum OG*
Client: Nirvana Organics
Client Batch ID:

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Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-276-E196

Date Sampled: 1/25/2024

Matrix: Flower

Date Reported: 1/26/2024

Prep Analyst: Jeff A.

Client License: N/A

Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm

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Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

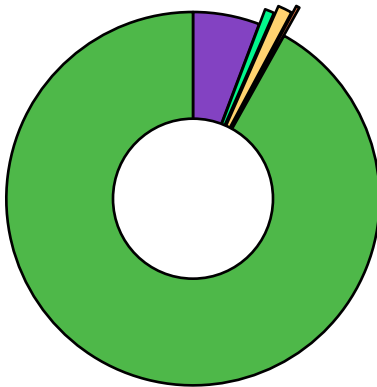
Analysis Batch: 1-26-2024 H3 276, 288, 457 Flower

Total THC (THCA*0.877+d9-THC) **24.4%**
Total CBD (CBDA*0.877+CBD) **<LOQ%**
Moisture Content **10.0%**

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.17	1.7
CBG	0.291	2.91
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.244	2.44
d8-THC*	<LOQ	<LOQ
CBC	0.107	1.07
THCA*	28.1	281.0
Total Cannabinoids	28.91	289.1

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



- CBGA
- CBC
- CBG
- THCA*
- d9-THC*



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Lab Director



PINNACLE ANALYTICS

Quality Control Results

Analyst: Jeff A.

Analysis Batch: 1-26-2024 H3 276, 288, 457 Flower

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	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-E192-b	Limit	C-FL-012624	Limits	C-FB-012624	Limit
CBDA	<LOQ%	30%	102.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	0.192%	30%	91.4%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	95.7%	90-110%	<LOQ/2	LOQ/2
THCA	4.53%	10%	94.9%	90-110%	<LOQ/2	LOQ/2

RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Kris Ford, PhD
Lab Director



PINNACLE ANALYTICS

Potency Results

Sample Name: *Runtz of Eden*
Client: Nirvana Organics
Client Batch ID:

Pinnacle-Analytics.com
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P:(541)300-8217

Sample ID: rC-H-276-E192

Date Sampled: 1/25/2024

Matrix: Flower

Date Reported: 1/26/2024

Prep Analyst: Jeff A.

Client License: N/A

Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm

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Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

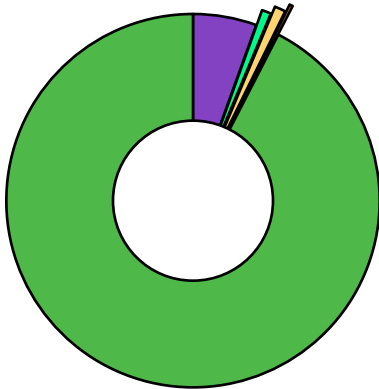
Analysis Batch: 1-26-2024 H3 276, 288, 457 Flower

Total THC (THCA*0.877+d9-THC) **22.0%**
Total CBD (CBDA*0.877+CBD) **<LOQ%**
Moisture Content **9.6%**

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.09	10.9
CBG	0.305	3.05
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.264	2.64
d8-THC*	<LOQ	<LOQ
CBC	0.109	1.09
THCA*	24.8	248.0
Total Cannabinoids	26.57	265.7

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



- CBGA
- CBC
- CBG
- THCA*
- d9-THC*



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Lab Director



PINNACLE ANALYTICS

Quality Control Results

Analyst: Jeff A.

Analysis Batch: 1-26-2024 H3 276, 288, 457 Flower

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	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-E192-b	Limit	C-FL-012624	Limits	C-FB-012624	Limit
CBDA	<LOQ%	30%	102.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	0.192%	30%	91.4%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	95.7%	90-110%	<LOQ/2	LOQ/2
THCA	4.53%	10%	94.9%	90-110%	<LOQ/2	LOQ/2

RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Kris Ford, PhD
Lab Director



PINNACLE — ANALYTICS —

Potency Results

Sample Name: *Tuscan Gelato*
Client: Nirvana Organics
Client Batch ID:

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-276-E195

Date Sampled: 1/25/2024

Matrix: Flower

Date Reported: 1/26/2024

Prep Analyst: Jeff A.

Client License: N/A

Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm

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Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

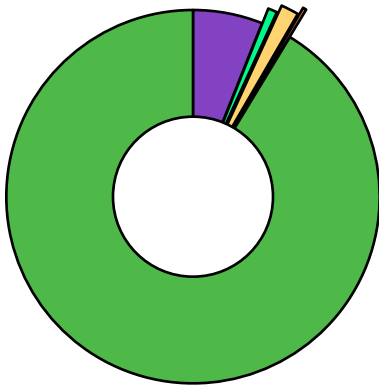
Analysis Batch: 1-26-2024 H3 276, 288, 457 Flower

Total THC (THCA*0.877+d9-THC) **24.2%**
Total CBD (CBDA*0.877+CBD) **<LOQ%**
Moisture Content **10.3%**

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.33	3.3
CBG	0.308	3.08
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.21	2.1
d8-THC*	<LOQ	<LOQ
CBC	0.119	1.19
THCA*	27.3	273.0
Total Cannabinoids	28.27	282.7

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



 CBGA	 CBC
 CBG	 THCA*
 d9-THC*	



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Kris Ford, PhD
Lab Director



PINNACLE — ANALYTICS —

Quality Control Results

Analyst: Jeff A.

Analysis Batch: 1-26-2024 H3 276, 288, 457 Flower

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	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-E192-b	Limit	C-FL-012624	Limits	C-FB-012624	Limit
CBDA	<LOQ%	30%	102.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	0.192%	30%	91.4%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	95.7%	90-110%	<LOQ/2	LOQ/2
THCA	4.53%	10%	94.9%	90-110%	<LOQ/2	LOQ/2

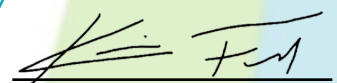
RPD: Relative Percent Difference between unknown sample and its duplicate

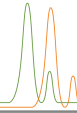
LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Report generated by Routine_Potency_Rev13_8-1-2023


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Lab Director



Nirvana Organics

Sample 614-062223-040

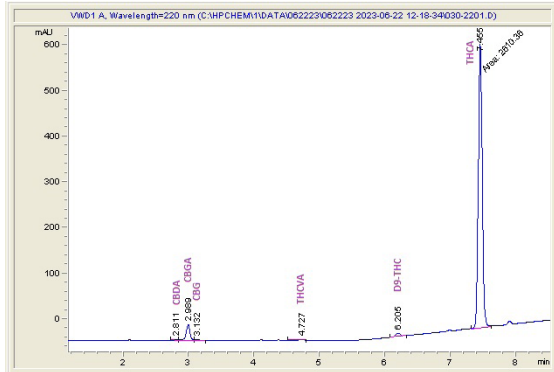
Exotic Gelato

Sample Submitted: 06-22-2023; Report Date: 06-27-2023

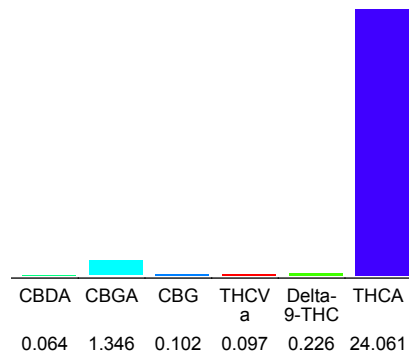
Exotic Gelato

Plant Material: Flower

Chromatogram



Cannabinoid Profile



Cannabinoid Profile by HPLC

0.23%
Delta-9-THC

0.00%
CBD

25.90%
Total Cannabinoids

Cannabinoid	% wt	mg/g
CBDA	0.064	0.64
CBGA	1.346	13.46
CBG	0.102	1.02
THCVa	0.097	0.97
Delta-9-THC	0.226	2.26
THCA	24.06	240.61
Total Cannabinoids	25.90	259.0
Calculated CBD Yield	0.06	0.56

Calculated Total THC = Delta-9-THC + 0.877 * THCA

Calculated Maximum CBD Yield = CBD + 0.877 * CBDA

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Novato, CA 94949

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Sara Biancalana
Sara Biancalana
Chief Scientist

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1g CART, THCA BLEND

 Sample ID: SA-240712-44145
 Batch: NVA001
 Type: Finished Product - Inhalable
 Matrix: Concentrate - Distillate
 Unit Mass (g):

 Received: 07/15/2024
 Completed: 07/25/2024

Client
 Nirvana Organics
 6126 Bugle Ct
 Mason, OH 45040
 USA


Summary

Test Cannabinoids	Date Tested 07/25/2024	Status Tested
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0.167 % Δ9-THC	67.1 % Δ8-THC	97.9 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBG	0.0057	0.0172	ND	ND
CBL	0.0112	0.0335	ND	ND
CBN	0.0056	0.0169	0.533	5.33
CBT	0.018	0.054	0.456	4.56
Δ4,8-iso-THC	0.0067	0.02	0.284	2.84
Δ8-iso-THC	0.0067	0.02	0.308	3.08
Δ8-THC	0.0104	0.0312	67.1	671
Δ8-THCV	0.0067	0.02	0.430	4.30
Δ9-THC	0.0076	0.0227	0.167	1.67
Δ9-THCA	0.0084	0.0251	28.6	286
Δ9-THCV	0.0069	0.0206	ND	ND
Total Δ9-THC			25.2	252
Total			97.9	979

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 CCO
 Date: 07/25/2024



 Tested By: Scott Caudill
 Laboratory Manager
 Date: 07/25/2024

 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


CBD CHOCOLATE 500 MG (RECOVERY BAR MILK, REGULAR BAR DARK)

 Sample ID: SA-240802-45648
 Batch: 07/16/2024
 Type: Other
 Matrix: Edible - Chocolate
 Unit Mass (g): 58.12986

 Collected: 08/02/2024
 Received: 08/05/2024
 Completed: 08/13/2024

Client
 Nirvana Organics
 9383 Cincinnati Columbus Rd
 Westchester, OH 45069
 USA

Summary

Test Cannabinoids	Date Tested 08/13/2024	Status Tested
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ND Total Δ9-THC	0.623 % CBD	0.623 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Result (mg/unit)
CBC	0.00095	0.00284	ND	ND	ND
CBCA	0.00181	0.00543	ND	ND	ND
CBCV	0.0006	0.0018	ND	ND	ND
CBD	0.00081	0.00242	0.623	6.23	362
CBDA	0.00043	0.0013	ND	ND	ND
CBDV	0.00061	0.00182	ND	ND	ND
CBDVA	0.00021	0.00063	ND	ND	ND
CBG	0.00057	0.00172	ND	ND	ND
CBGA	0.00049	0.00147	ND	ND	ND
CBL	0.00112	0.00335	ND	ND	ND
CBLA	0.00124	0.00371	ND	ND	ND
CBN	0.00056	0.00169	ND	ND	ND
CBNA	0.0006	0.00181	ND	ND	ND
CBT	0.0018	0.0054	ND	ND	ND
Δ8-THC	0.00104	0.00312	ND	ND	ND
Δ9-THC	0.00076	0.00227	ND	ND	ND
Δ9-THCA	0.00084	0.00251	ND	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND	ND
Total Δ9-THC			ND	ND	ND
Total			0.623	6.23	362

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 CCO
 Date: 08/13/2024



 Tested By: Kelsey Rogers
 Scientist
 Date: 08/13/2024

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D8+D9 CHOCO BAR 670 MG (DARK, MILK)

 Sample ID: SA-240802-45659
 Batch: 07/21/2024
 Type: Other
 Matrix: Edible - Chocolate
 Unit Mass (g): 62.93808

 Collected: 08/02/2024
 Received: 08/05/2024
 Completed: 08/13/2024

Client

 Nirvana Organics
 9383 Cincinnati Columbus Rd
 Westchester, OH 45069
 USA

Summary

Test Cannabinoids	Date Tested 08/13/2024	Status Tested
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0.203 % Total Δ9-THC	0.494 % Δ8-THC	0.765 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Result (mg/unit)
CBC	0.00095	0.00284	ND	ND	ND
CBCA	0.00181	0.00543	ND	ND	ND
CBCV	0.0006	0.0018	ND	ND	ND
CBD	0.00081	0.00242	<LOQ	<LOQ	<LOQ
CBDA	0.00043	0.0013	ND	ND	ND
CBDV	0.00061	0.00182	ND	ND	ND
CBDVA	0.00021	0.00063	ND	ND	ND
CBG	0.00057	0.00172	ND	ND	ND
CBGA	0.00049	0.00147	ND	ND	ND
CBL	0.00112	0.00335	ND	ND	ND
CBLA	0.00124	0.00371	ND	ND	ND
CBN	0.00056	0.00169	0.00470	0.0470	2.96
CBNA	0.0006	0.00181	ND	ND	ND
CBT	0.0018	0.0054	ND	ND	ND
Δ4,8-iso-THC			0.0427	0.427	26.9
Δ8-iso-THC			0.00810	0.0810	5.10
Δ8-THC	0.00104	0.00312	0.494	4.94	311
Δ8-THCV			0.00330	0.0330	2.08
Δ9-THC	0.00076	0.00227	0.203	2.03	128
Δ9-THCA	0.00084	0.00251	ND	ND	ND
Δ9-THCV	0.00069	0.00206	<LOQ	<LOQ	<LOQ
Δ9-THCVA	0.00062	0.00186	ND	ND	ND
exo-THC			0.00980	0.0980	6.17
Total Δ9-THC			0.203	2.03	128
Total			0.765	7.65	481

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 CCO
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 Tested By: Kelsey Rogers
 Scientist
 Date: 08/13/2024

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THC-A GUMMIES

 Sample ID: SA-240802-45666
 Batch: 07/18/2024
 Type: Other
 Matrix: Edible - Gummy
 Unit Mass (g): 4.6502

 Collected: 08/02/2024
 Received: 08/05/2024
 Completed: 08/15/2024

Client
 Nirvana Organics
 9383 Cincinnati Columbus Rd
 Westchester, OH 45069
 USA


Summary

Test Cannabinoids	Date Tested 08/15/2024	Status Tested
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0.162 % Total Δ9-THC	1.40 % Δ8-THC	1.62 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA and GC-MS/MS

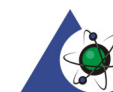
Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	ND	ND
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	0.00320	0.149
CBDa	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	<LOQ	<LOQ
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	ND	ND
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	ND	ND
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	0.0107	0.498
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	<LOQ	<LOQ
Δ4,8-iso-THC			0.0287	1.33
Δ8-iso-THC			0.00970	0.451
Δ8-THC	0.00104	0.00312	1.40	65.0
Δ8-THCV			0.00150	0.0698
Δ9-THC	0.00076	0.00227	0.162	7.51
Δ9-THCA	0.00084	0.00251	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
exo-THC			0.00380	0.177
Total Δ9-THC			0.162	7.51
Total			1.62	75.2

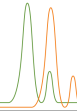
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 CCO
 Date: 08/15/2024



 Tested By: Scott Caudill
 Laboratory Manager
 Date: 08/15/2024

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Nirvana Organics

Sample 614-112923-115

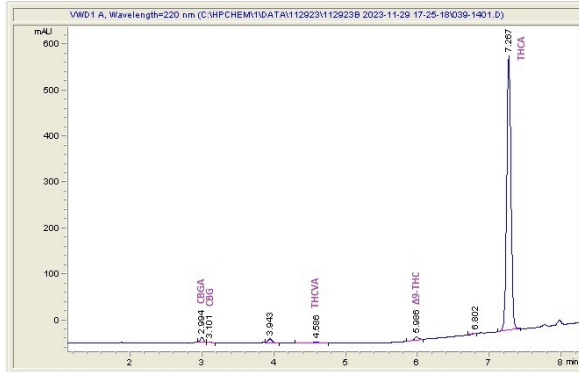
Wedding Cake

Sample Submitted: 11-29-2023; Report Date: 11-30-2023

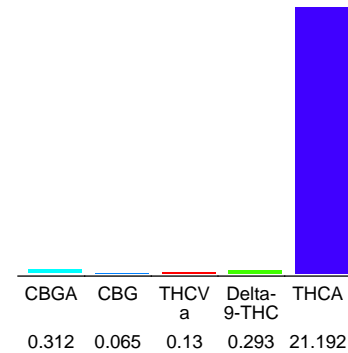
Wedding Cake THC-A Hemp

Plant Material: Hemp Flower

Chromatogram



Cannabinoid Profile



Cannabinoid Profile by HPLC

0.29%
Delta-9-THC

0.00%
CBD

21.99%
Total Cannabinoids

Cannabinoid	% wt	mg/g
CBGA	0.312	3.12
CBG	0.065	0.65
THCva	0.13	1.3
Delta-9-THC	0.293	2.93
THCA	21.19	211.92
Total Cannabinoids	21.99	219.9
Calculated CBD Yield	0.00	0.00

Calculated Total THC = Delta-9-THC + 0.877 * THCA

Calculated Maximum CBD Yield = CBD + 0.877 * CBDA

Marin Analytics, LLC

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833-321-TEST / info@marinanalytics.com

Mike Clemmons
Lab Manager

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