PINNACLE ANALYTICS

Potency Results

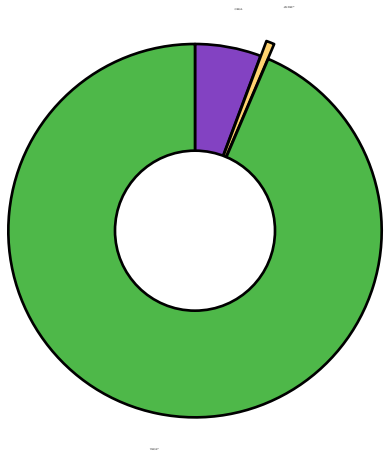
Sample Name: *8541*
Client:
Client Batch ID:

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

Sample ID: rC-C-22-C924
Matrix: Flower
Prep Analyst: Megan E.
Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 11-21-2022 H4 22, 161, 247, 276, 317 Flower

Date Sampled: 11/16/2022
Date Reported: 1/4/2023
Client License: N/A
Ashland
OR
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	18.2%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	11.3%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.25	12.5
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.155	1.55
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	20.5	205.0
Total Cannabinoids	21.9	219.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
d9-THC*
THCA*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Megan E.

Analysis Batch: *11-21-2022 H4 22, 161, 247, 276, 317 Flower*

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

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-C957-b	Limit	C-FL-112122	Limits	C-FB-112122	Limit
CBDA	1.3%	10%	103.0%	90-110%	<LOQ/2	LOQ/2
CBD	1.3%	30%	103.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	9.62%	30%	93.3%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
THCA	1.15%	10%	98.5%	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.

Kris Ford, PhD
Lab Director

PINNACLE
ANALYTICS

Potency Results

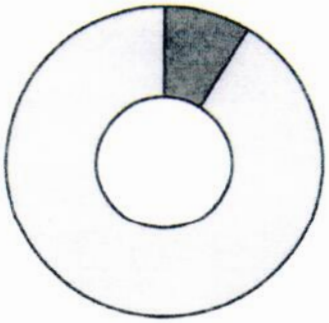
Sample Name: *2 Scoop*
Client:
Client Batch ID:

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

Sample ID: rC-H-302-C799
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 10-27-2022 H3 42, 275, 302, 305, 306 Flower

Date Sampled: 10/25/2022
Date Reported: 10/28/2022
Client License: N/A

Total THC (THCA*0.877+d9-THC)	10.4%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	13.4%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.13	11.3
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	<LOQ	<LOQ
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	11.8	118.0
Total Cannabinoids	12.9	129.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
THCA*

NELAP ACCREDITED TNI LABORATORY

Report generated by Routine_Potency_Rev10_7-17-2022

Kris Ford, PhD
Lab Director

New Bloom Labs

Certificate of Analysis

Sample: 04-14-2023-32368
Sample Received:04/14/2023;
Report Created: 04/17/2023; Expires: 04/16/2024

Apricot Gelato
Plant , Flower - Cured

22.051 % Total THC	ND % Δ-9 THC
27.396 % Total Cannabinoids	<LOQ % Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)
Date Tested: 04/14/2023

Analyte	LOD %	LOQ %	Mass %	Mass mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0515	0.0773	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9THC)	0.0515	0.0773	ND	ND
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0515	0.0773	25.143	251.433
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0515	0.0773	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0515	0.0773	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0515	0.0773	0.924	9.237
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0515	0.0773	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0515	0.0773	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0515	0.0773	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0515	0.0773	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0515	0.0773	ND	ND
Cannabidivarin (CBDV)	0.0515	0.0773	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0515	0.0773	ND	ND
Cannabidiol (CBD)	0.0515	0.0773	ND	ND
Cannabidiolic Acid (CBDA)	0.0216	0.0773	<LOQ	<LOQ
Cannabigerol (CBG)	0.0216	0.0773	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0515	0.0773	0.820	8.196
Cannabinol (CBN)	0.0515	0.0773	ND	ND
Cannabinolic Acid (CBNA)	0.0515	0.0773	ND	ND
Cannabichromene (CBC)	0.0515	0.0773	ND	ND
Cannabichromenic Acid (CBCA)	0.0515	0.0773	0.509	5.093
Total			27.396	273.959

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
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

Marin Analytics

250 BEL MARIN KEYS BLVD #D4 - NOVATO, CA 94949 833.321.TEST

CERTIFICATE OF ANALYSIS

Sample 644-081623-007

Birthday Cake

Batch/Lot # MM02BD0823

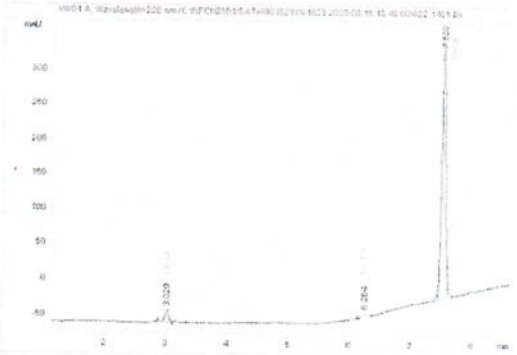
Sample Submitted: 08-16-2023; Report Date: 08-18-2023

Birthday Cake

Plant Material: Flower

Batch/Lot # MM02BD0823

Chromatogram



Cannabinoid Profile

Cannabinoid Profile by HPLC

0.24%
Delta-9-THC

0.00%
CBD

24.95%
Total Cannabinoids

Cannabinoid	% wt	mg/g
CBGA	0.747	7.47
Delta-9-THC	0.24	2.4
THCA	23.96	239.64
Total Cannabinoids	**24.95**	**249.5**
Calculated Total THC	**21.26**	**212.56**
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
250 Bel Marin Keys Blvd, Suite D4
Novato, CA 94949
833-321-TEST / info@marinanalytics.com

Sara Biancalana

Sara Biancalana
Chief Scientist

ROGUE RESEARCH LAB

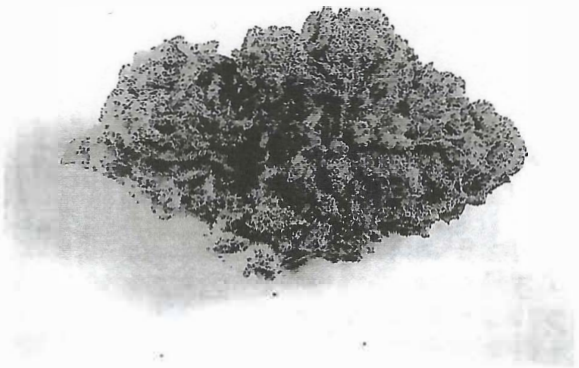
Certificate of Analysis

These test results are for Research and Development purposes only

FH-139

Sample Strain: Biscotti

0.09% Δ9 THC	**1.36%** Total CBD	**24.35%** Total Cannabinoids
Not tested Water Activity	**Pass** **10.58** Moisture	**243.5** mg / g Total Cannabinoids



Matrix: Augmented Flower

Harvest/Prod Date:

Report Created: 1/23/2024

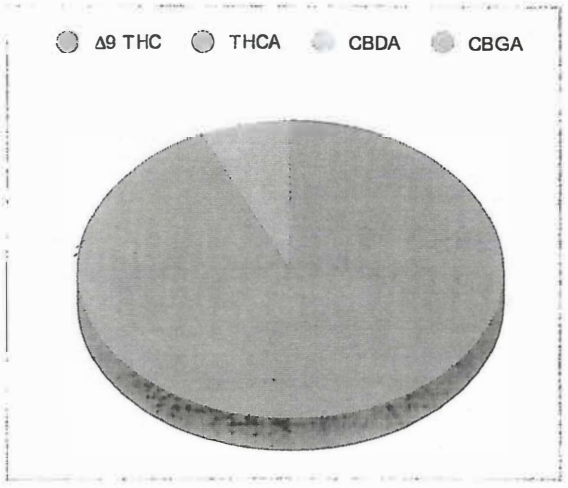
Results Valid Until: 1/23/2025

Sample Extracted: 1/23/2024 10:17:00

Sample Analyzed: 1/23/2024 16:09

Method SOP LO001-R11

Cannabinoids	%Weight	mg/ gram	LOQ(% /w)
Δ9 THC	0.09	0.9	0.06
THCA	22.60	226.0	0.06
Total THC (THCA*0.877)+9THC	19.91	199.1	0.06
CBDA	1.55	15.5	0.06
CBD	<LOQ	<LOQ)	0.06
CBN	<LOQ	<LOQ)	0.06
Δ8 THC	<LOQ	<LOQ)	0.06
CBC	<LOQ	<LOQ)	0.06
CBGA	0.11	1.1	0.06
CBG	<LOQ	<LOQ)	0.06
CBDV	<LOQ	<LOQ)	0.06
CBDVA	<LOQ	<LOQ)	0.06
THCVA	<LOQ	<LOQ)	0.06
CBDQ	<LOQ	<LOQ)	0.06
HHC	<LOQ	<LOQ)	0.09



Total THC and Total CBD are calculated values per OAR 333-064-0100. Cannabinoid values for plant matter samples are reported on a dry weight basis. Water activity action level is 0.65Aw. LOQ= Limit of Quantitation. NR=Not Reported.

Rogue Research Lab LLC
Rogue River, OR 97537 Tel. 541-582-1962

rogueresearchlab.com

Craig Berry - Lab Director
1/23/24

ROGUE RESEARCH LAB

Harrens®
ISO 17025 Accredited Laboratory

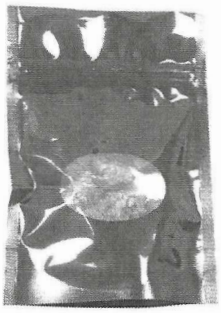
Harrens Lab Inc
3507 Breakwater Ave
Hayward, CA 94545

(510) 887-8885
http://www.harrenslab.com
Lic# C8-0000021-LIC
DEA#: RH0490805

Blueberry Cupcake

Sample ID: HR20240490373
Strain: Blueberry Cupcake
Matrix: Plant
Type: Flower - Cured
Sample Size: ; Batch:

Produced:
Collected: 04/11/2024
Received: 04/11/2024
Completed: 04/16/2024
Batch#:



Summary

Test	Date Tested	Result
Batch		Complete
Cannabinoids	04/12/2024	Complete
Moisture	04/12/2024	13.06%

Cannabinoids

Complete

19.05%	ND	19.05%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOD	LOQ	Mass	Mass
	mg/g	mg/g	%	mg/g
THCa	0.20000	0.61000	21.45	214.52
Δ9-THC	0.15000	0.45000	0.23	2.32
Δ8-THC	0.14000	0.42000	ND	ND
THCV	0.15000	0.44000	ND	ND
CBDa	0.10000	0.31000	ND	ND
CBD	0.15000	0.45000	ND	ND
CBN	0.16000	0.50000	ND	ND
CBG	0.13000	0.39000	ND	ND
CBC	0.14000	0.42000	ND	ND
Total THC			**19.05**	**190.45**
Total CBD			**ND**	**ND**
Total			**19.05**	**190.45**

Determination of Cannabinoids by HPLC, HL223
Total THC = Δ9-THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD
ND = Not Detected; NR = Not Reported; LOD = Limit of Detection; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. HL105.10-01. Cannabinoid Testing: Pass/Fail decision determined by Department of Cannabis Control CCR title 4 Division 19 §15724. Water activity testing: Pass/Fail decision determined by Department of Cannabis Control CCR title 4 Division 19 §15717.

Ming Li - General Manager
04/16/2024

ISO 17025 accredited by A2LA (Certificate No: 4074.01 & 4074.02). Sampling Procedure: SOP HL 110.2; Foreign Material: UV light/Microscope SOP HL 323, SOP HL 324; Water Activity: Water Activity Meter SOP HL 238; Moisture: Drying Oven SOP HL217.1; All LQC ran in accordance with 4 CCR sec. 15730. This product has been tested by Harrens Lab Inc. using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Harrens Lab Inc. makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Harrens Lab Inc.

ROGUE RESEARCH LAB

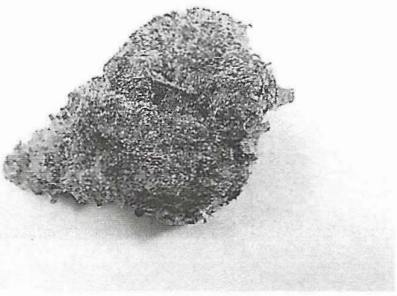
Certificate of Analysis

These test results are for Research and Development purposes only

Sample Carbon Fiber

Strain

0.26% Δ9 THC	**0.17%** Total CBD	**36.52%** Total Cannabinoids
Not tested Water Activity	**Pass** **7.95** Moisture	**365.2** mg / g Total Cannabinoids



Sample ID **24040430223**

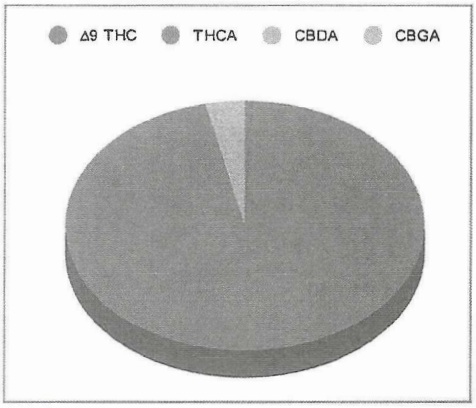
Matrix Augmented Flower

Harvest/Prod Date

Report Created 4/16/2024 Results Valid Until 4/17/2025

Sample Extracted 4/15/2024 14:47:00 Sample Analyzed 4/16/2024 11:11 Method SOP LO001-R11

Cannabinoids	%Weight	mg/ gram	LOQ(% /w)
Δ9 THC	0.26	2.6	0.06
THCA	34.98	349.8	0.06
Total THC (THCA*0.877)+9THC	30.94	309.4	0.06
CBDA	0.20	2.0	0.06
CBD	<LOQ	<LOQ)	0.06
CBN	<LOQ	<LOQ)	0.06
Δ8 THC	<LOQ	<LOQ)	0.06
CBC	<LOQ	<LOQ)	0.06
CBGA	1.09	10.9	0.06
CBG	<LOQ	<LOQ)	0.06
CBDV	<LOQ	<LOQ)	0.06
CBDVA	<LOQ	<LOQ)	0.06
THCVA	<LOQ	<LOQ)	0.06
CBDQ	<LOQ	<LOQ)	0.06
HHC	<LOQ	<LOQ)	0.09



Total THC and Total CBD are calculated values per OAR 333-064-0100. Cannabinoid values for plant matter samples are reported on a dry weight basis. Water activity action level is 0.65Aw. LOQ= Limit of Quantitation. NR=Not Reported.

Rogue Research Lab LLC
Rogue River, OR 97537 Tel. 541-582-1962

rogueresearchlab.com

Craig Berry - Lab Director
4/16/24

ROGUE RESEARCH LAB

Marin Analytics

250 BEL MARIN KEYS BLVD #D4 - NOVATO, CA 94949 833 321 TEST

CERTIFICATE OF ANALYSIS

Sample 644-081623-009

Cereal Milk

Batch/Lot # MM02CM0823

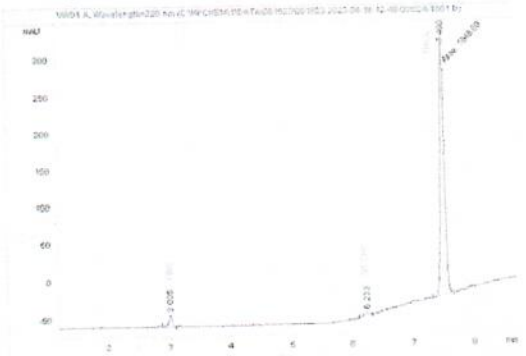
Sample Submitted: 08-16-2023; Report Date: 08-18-2023

Batch/Lot # MM02CM0823

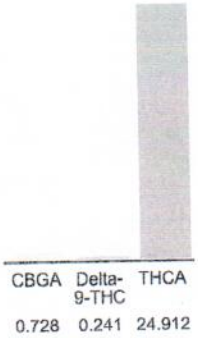
Cereal Milk

Plant Material: Flower

Chromatogram



Cannabinoid Profile



Cannabinoid Profile by HPLC

0.24%
Delta-9-THC

0.00%
CBD

25.88%
Total Cannabinoids

Cannabinoid	% wt	mg/g
CBGA	0.728	7.28
Delta-9-THC	0.241	2.41
THCA	24.91	249.12
Total Cannabinoids	**25.88**	**258.8**
Calculated Total THC	**22.09**	**220.89**
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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Novato, CA 94949
833-321-TEST / info@marinanalytics.com

Sara Biancalana

Sara Biancalana
Chief Scientist

PINNACLE ANALYTICS

Potency Results

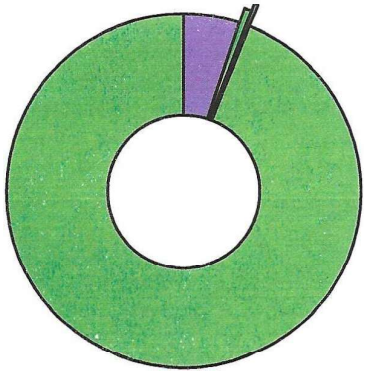
Sample Name: *Cheetah Piss*
Client: DA
Client Batch ID:

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

Sample ID: rC-H-205-E861
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 4-12-2024 H4 205, 474 Flower

Date Sampled: 4/10/2024
Date Reported: 4/15/2024
Client License: N/A
205 Surrey Dr.
Jacksonville
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	24.7%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	64.3%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.51	15.1
CBG	0.192	1.92
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.101	1.01
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	28.0	280.0
Total Cannabinoids	29.8	298.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
THCA*
CBG
d9-THC*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Jeff A.

Analysis Batch: *4-12-2024 H4 205, 474 Flower*

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

	Duplicate RPD H-0-E845-b	Limit	LCS % Recovery C-FL-041224	Limits	Method Blank C-FB-041224	Limit
CBDA	3.41%	30%	105.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	105.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	0.512%	10%	100.0%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	96.1%	90-110%	<LOQ/2	LOQ/2
THCA	3.03%	10%	102.0%	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.

Kris Ford, PhD
Lab Director

New Bloom Labs

Certificate of Analysis

Farm 154

Sample: 02-21-2023-30574
Sample Received:02/21/2023;
Report Created: 02/23/2023; Expires: 02/23/2024

Cherry Pie
Plant , Flower - Cured

20.903% Total THC	0.269% Δ-9 THC
25.657 % Total Cannabinoids	<LOQ % Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)
Date Tested: 02/21/2023

Analyte	LOD %	LOQ %	Mass %	Mass mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0505	0.0758	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9THC)	0.0505	0.0758	0.269	2.687
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0505	0.0758	23.528	235.283
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0505	0.0758	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0505	0.0758	ND	ND
Δ-9-TetrahydrocannabivarinicAcid (Δ-9-THCVA)	0.0505	0.0758	ND	ND
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0505	0.0758	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0505	0.0758	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0505	0.0758	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0505	0.0758	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0505	0.0758	ND	ND
Cannabidivarin (CBDV)	0.0505	0.0758	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0505	0.0758	ND	ND
Cannabidiol (CBD)	0.0505	0.0758	ND	ND
Cannabidiolic Acid (CBDA)	0.0283	0.0758	<LOQ	<LOQ
Cannabigerol (CBG)	0.0283	0.0758	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0505	0.0758	1.372	13.717
Cannabinol (CBN)	0.0505	0.0758	ND	ND
Cannabinolic Acid (CBNA)	0.0283	0.0758	<LOQ	<LOQ
Cannabichromene (CBC)	0.0505	0.0758	ND	ND
Cannabichromenic Acid (CBCA)	0.0505	0.0758	0.488	4.879
Total			25.657	256.566

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
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868):
ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

PINNACLE ANALYTICS

Potency Results

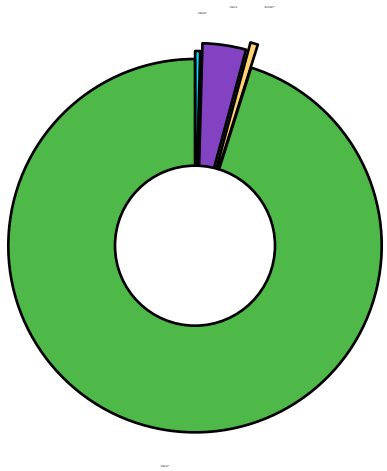
Sample Name: *Dat Flavor*
Client:
Client Batch ID:

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

Sample ID: rC-C-302-C2225
Matrix: Flower
Prep Analyst: Megan E.
Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 1-19-2023 H4 185, 205, 247, 302 Flower

Date Sampled: 1/18/2023
Date Reported: 1/20/2023
Client License: N/A
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	21.9%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	11.9%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	0.114	1.14
CBGA	0.982	9.82
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.171	1.71
d8-THC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	24.8	248.0
Total Cannabinoids	26.1	261.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBDA* THCA* CBGA d9-THC*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Megan E.

Analysis Batch: *1-19-2023 H4 185, 205, 247, 302 Flower*

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

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-C2195-b	Limit	C-FL-011923	Limits	C-FB-011923	Limit
CBDA	0.217%	10%	99.8%	90-110%	<LOQ/2	LOQ/2
CBD	1.59%	10%	101.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	<LOQ%	30%	99.6%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	99.3%	90-110%	<LOQ/2	LOQ/2
THCA	<LOQ%	30%	98.8%	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.

Kris Ford, PhD
Lab Director

New Bloom Labs

Certificate of Analysis

Sample: 09-07-2022-24172

Sample Received:09/07/2022;

Report Created: 09/12/2022; Expires: 09/08/2023

Death Star Hemp Flower- Indica

Plant , Flower - Cured

20.492%	0.272%
Total THC	Δ-9 THC
23.975 %	**<LOQ %**
Total Cannabinoids	Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 09/07/2022

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0483	0.0725	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0483	0.0725	**0.272**	**2.723**
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0483	0.0725	**23.056**	**230.560**
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0483	0.0725	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0483	0.0725	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0483	0.0725	**0.151**	**1.513**
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0483	0.0725	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0483	0.0725	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0483	0.0725	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0483	0.0725	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0483	0.0725	ND	ND
Cannabidivarin (CBDV)	0.0483	0.0725	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0483	0.0725	ND	ND
Cannabidiol (CBD)	0.0483	0.0725	ND	ND
Cannabidiolic Acid (CBDA)	0.0435	0.0725	<LOQ	<LOQ
Cannabigerol (CBG)	0.0483	0.0725	**0.127**	**1.266**
Cannabigerolic Acid (CBGA)	0.0483	0.0725	**0.369**	**3.691**
Cannabinol (CBN)	0.0483	0.0725	ND	ND
Cannabinolic Acid (CBNA)	0.0483	0.0725	ND	ND
Cannabichromene (CBC)	0.0483	0.0725	ND	ND
Cannabichromenic Acid (CBCA)	0.0483	0.0725	ND	ND
Total			23.975	239.753

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

Amended report issued to reflect change in sample identification

New Bloom Labs
6121 Heritage Park Drive, A500
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(844) 837-8223
TN DEA#: RN0563975

Natalie Siracusa
Laboratory Director

New Bloom Labs
10606 Shady Trail,105
Dallas,TX 75520
(844) 837-8223
TX DEA#:RN0594653

Certificate of Analysis

Sample: 09-07-2022-24172

Sample Received:09/07/2022;

Report Created: 09/12/2022; Expires: 09/08/2023

Death Star Hemp Flower- Indica

Plant , Flower - Cured

Terpenes

(Testing Method:HS-GC/MS, CON-P-4000)

Date Tested: 09/07/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	**562.536**	**0.563**	
α-Humulene	0.750	3.000	**2021.489**	**2.021**	
α-Pinene	0.750	3.000	**735.245**	**0.735**	
α-Terpinene	0.750	3.000	<LOQ	<LOQ	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	**8070.360**	**8.070**	
β-Myrcene	0.750	3.000	ND	ND	
Borneol	0.750	3.000	**252.013**	**0.252**	
Camphene	0.750	3.000	**270.708**	**0.271**	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	**165.448**	**0.165**	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	**47.618**	**0.048**	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	**1539.291**	**1.539**	
Linalool	0.750	3.000	**389.763**	**0.390**	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	ND	ND	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	<LOQ	<LOQ	
Total			14054.471	14.054	1.405 %

Primary Aromas

Cinnamon

Hops

Lime

Pine

Floral

Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range.

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Natalie Siracusa
Laboratory Director

New Bloom Labs
10606 Shady Trail,105
Dallas,TX 75520
(844) 837-8223
TX DEA#:RN0594653

NC Controlled Substance License #:
NC-DHHS-1002881
DEA Controlled Substance License #:
RD0577986
ISO 17025 Certification:
PENDING

Δ9 ANALYTICAL

Delta 9 Analytical

Professional, Accurate, Responsive

Laboratory Location
6308 Angus Drive, Ste B
Raleigh NC 27617
919-673-7153 / 919-450-1870
frank@delta9analytical.com
michael@delta9analytical.com

Client Name:
Client Address:

Grower/Processor Lic#:

Sample ID: **6821**
Received Date: 09142022
Reported Date: 09172022
Test(s) Ordered: **Cannabinoids**

Sample Name: **Frutopia**
Sample Type: Flower
Sample Matrix: **Hemp**; Cured
Sample Size: 1.99g Test Size: 55.1mg

CANNABINOID SUMMARY

TOTAL CANNABINOIDS: 15.33%
TOTAL CBG: 0.2988%
THCA: 14.76%
Δ9-THC: 0.2362%

BATCH PHOTO

CANNABINOIDS (*Liquid Chromatography Mass Spectrometry - LCMS*)

MOISTURE (loss on drying): **1.9816%**

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol *(CBN)*	ND	ND	0.045	9S-Hexahydrocannabinol *(HHCS)*	ND	ND	0.045
Δ8-THC	ND	ND	0.045	9R-Hexahydrocannabinol *(HHCR)*	ND	ND	0.045
Cannabichromene *(CBC)*	ND	ND	0.045	Cannabidolic Acid *(CBDA)*	ND	ND	0.045
Cannabigerol *(CBG)*	**<0.045**	**<0.45**	0.045	**Δ9-THC Acid *(THCA)***	**14.76**	**147.6**	0.045
Cannabidiol *(CBD)*	ND	ND	0.045	THC-varian *(THCV)*	ND	ND	0.045
Cannabigerolic Acid *(CBGA)*	**0.3407**	**3.407**	0.045	***Δ9-THC**	**0.2362**	**2.362**	0.045
Cannabidivarin *(CBDV)*	ND	ND	0.045	**TOTAL CANNABINOIDS**	**15.33**	**153.3**	
Cannabidivarin Acid *(CBDVA)*	ND	ND	0.045	*TOTAL THC	**13.18**	**131.8**	
Cannabicitran *(CBT)*	ND	ND	0.045	*TOTAL CBG	**0.2988**	**2.988**	
6aR,9S-Δ10-THC	ND	ND	0.045	*TOTAL CBD	ND	ND	
6aR,9R-Δ10-THC	ND	ND	0.045	*TOTAL CBDV	ND	ND	
THC-O-Acetate *(THCO)*	ND	ND	0.045	TOTAL Δ10-THC	ND	ND	
THCp	ND	ND	0.045	TOTAL HHC	ND	ND	

Calculated as follows: Total CBD/G/V = CBD/GA/VA% (0.877) + CBD/G/V%. Total THC = THCA% (0.877) +* Δ9-THC %. **Total Cannabinoids is the absolute sum of all cannabinoids detected. ***ND = Not Detected; NT = Not Tested*

RESULT CERITIFICATION

09172022

Frank P. Maurio COO/Michael R. Horton CSO & Date

Michael Horton Frank Maurio

Scan QR Code to verify COA at www.delta9analytical.com

Testing results are based solely upon the sample submitted to Delta 9 Analytical, LLC. (D9A) In the condition it was received. D9A warrants that all analytical work is conducted professionally in accordance with all applicable standard practices using validated methods utilizing certified reference standards. ******The measurement of uncertainty = 0.04985%.*** *This report may not be reproduced, except in full, without the written approval of D9A.* ***Test(s) Ordered:*** *C=Cannabinoids.*

PINNACLE ANALYTICS

Potency Results

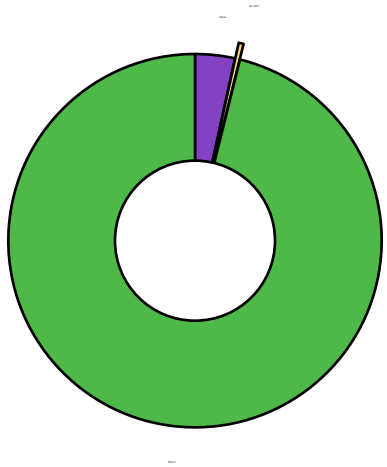
Sample Name: *Gary Payton*
Client:
Client Batch ID:

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

Sample ID: rC-C-35-C614
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 9-15-2022 H3 35, 276, 290, 292 Flower

Date Sampled: 9/15/2022
Date Reported: 9/21/2022
Client License: N/A
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	26.1%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	11.4%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.06	10.6
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.132	1.32
d8-THC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	29.6	296.0
Total Cannabinoids	30.8	308.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
d9-THC*
THCA*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Jeff A.

Analysis Batch: *9-15-2022 H3 35, 276, 290, 292 Flower*

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

	Duplicate RPD H-0-C604-b	Limit	LCS % Recovery C-FL-091522	Limits	Method Blank C-FB-091522	Limit
CBDA	1.61%	10%	104.0%	90-110%	<LOQ/2	LOQ/2
CBD	0.118%	10%	110.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	1.66%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
THCA	<LOQ%	30%	101.0%	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.

Kris Ford, PhD
Lab Director

Terpene Results

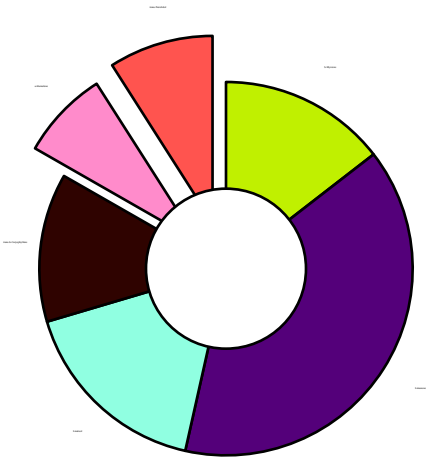
Sample Name: *Gary Payton*
Client:
Client Batch ID:

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

Sample ID: rT-C-35-C614
Matrix: Flower
Date Received: 9/15/2022
Date Reported: 9/21/2022
Analysis Method: 220624 TerpenesNO IS.mdb
Analyst: Jeff A.
Analysis Batch: 220917 G1 35 290 Terpenes

Client License:N/A
For R&D Purposes Only

Total Terpene Content	1.63%
Main Terpene	Limonene
Moisture Content	11.44%



Terpene	% Weight	mg/g
a-Pinene	<LOQ	<LOQ
Camphene	<LOQ	<LOQ
b-Myrcene	0.236	2.36
b-Pinene	<LOQ	<LOQ
3-Carene	<LOQ	<LOQ
a-Terpinene	<LOQ	<LOQ
cis-b-ocimene	<LOQ	<LOQ
Limonene	0.634	6.34
p-cymene	<LOQ	<LOQ
trans-b-Ocimene	<LOQ	<LOQ
Eucalyptol	<LOQ	<LOQ
y-Terpinene	<LOQ	<LOQ
Terpinolene	<LOQ	<LOQ
Linalool	0.275	2.75
Isopulegol	<LOQ	<LOQ
Geraniol	<LOQ	<LOQ
trans-b-Caryophyllene	0.209	2.09
a-Humelene	0.125	1.25
cis-Nerolidol	<LOQ	<LOQ
trans-Nerolidol	0.147	1.47
Guaiol	<LOQ	<LOQ
Caryophyllene Oxide	<LOQ	<LOQ
a-Bisabolol	<LOQ	<LOQ
Total Terpenes	1.63	16.3

Limit Of Quantitation: 0.1%, analyte not measured

Kris Ford, PhD
Lab Director

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
Farm 154

Gary Payton

Batch ID or Lot Number:	Test:	Reported:	USDA License:
11	**Dry Weight Potency**	**26Jan2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000269040	26Jan2024	NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 25Jan2024	Status: NA

Cannabinoids

	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.019	0.065	ND	ND	Dried Sample Moisture Content = 80.04% Measurement Uncertainty = 7.73% Results generated using a non-validated, non-compliant method.
Cannabichromenic Acid (CBCA)	0.017	0.059	0.438	0.404 - 0.472	
Cannabidiol (CBD)	0.060	0.190	ND	ND	
Cannabidiolic Acid (CBDA)	0.062	0.195	ND	ND	
Cannabidivarin (CBDV)	0.014	0.045	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.026	0.081	ND	ND	
Cannabigerol (CBG)	0.011	0.037	0.177	0.163 - 0.191	
Cannabigerolic Acid (CBGA)	0.045	0.154	1.786	1.648 - 1.924	
Cannabinol (CBN)	0.014	0.048	ND	ND	
Cannabinolic Acid (CBNA)	0.031	0.105	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.054	0.184	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.049	0.167	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.043	0.148	27.656	25.518 - 29.794	
Tetrahydrocannabivarin (THCV)	0.010	0.034	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.038	0.130	ND	ND	
Total Cannabinoids			**30.057**	**27.734 - 32.380**	
Total Potential THC			24.254	22.379 - 26.129	

Final Approval

Sam Smith
26Jan2024
02:00:00 PM MST
PREPARED BY / DATE

Karen Winternheimer
26Jan2024
02:07:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/aa0123e5-8c9a-47b0-a3c0-f2928c22c327

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or – the measurement uncertainty.

ACCREDITED

Cert #4329.02
aa0123e58c9a47b0a3c0f2928c22c327.2

Certificate of Analysis

Sample: 04-28-2023-32950

Sample Received:04/28/2023;

Report Created: 05/01/2023; Expires: 04/30/2024

Gelato 20230424-G

Plant , Flower - Cured

22.343 % Total THC	0.175 % Δ-9 THC
26.855 % Total Cannabinoids	<LOQ % Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 04/28/2023

Analyte	LOD %	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	0.175	1.750
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0500	0.0750	25.277	252.770
Δ-9-Tetrahydrocannabiphorol (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	0.110	1.100
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)	0.0300	0.0750	<LOQ	<LOQ
Cannabigerol (CBG)	0.0300	0.0750	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0500	0.0750	1.293	12.930
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	<LOQ	<LOQ
Total			26.855	268.550

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
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(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
Farm 154

Grape Frosty

Batch ID or Lot Number:	Test:	Reported:	USDA License:
	Potency	**07Dec2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000229768	05Dec2022	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	05Dec2022	N/A

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.018	0.065	ND	ND	
Cannabichromenic Acid (CBCA)	0.016	0.060	1.200	12.00	
Cannabidiol (CBD)	0.057	0.170	<LOQ	<LOQ	
Cannabidiolic Acid (CBDA)	0.059	0.174	ND	ND	
Cannabidivarin (CBDV)	0.014	0.040	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.025	0.073	ND	ND	
Cannabigerol (CBG)	0.010	0.037	0.120	1.20	
Cannabigerolic Acid (CBGA)	0.042	0.155	0.630	6.30	
Cannabinol (CBN)	0.013	0.048	ND	ND	
Cannabinolic Acid (CBNA)	0.029	0.106	<LOQ	<LOQ	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.050	0.185	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.046	0.168	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.041	0.149	19.800	198.00	
Tetrahydrocannabivarin (THCV)	0.009	0.034	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.036	0.131	0.550	5.50	
Total Cannabinoids			**22.300**	**223.00**	
Total Potential THC			17.365	173.65	
Total Potential CBD			0.000	0.00	

Final Approval

K Winternheimer

Karen Winternheimer
07Dec2022
01:11:00 PM MST

PREPARED BY / DATE

Samantha Smith

Sam Smith
07Dec2022
01:16:00 PM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/610482e2-92ad-4980-b0f1-f5bebcae7f90

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)).

ilac-MRA A2LA ACCREDITED ASTM Certified Test Laboratory

Cert #4329.02
610482e292ad4980b0f1f5bebcae7f90.1

Green Leaf Lab
12025 NE Marx St. Portland, OR 97220
503-253-3511 / www.greenleaflabs.com
License#: 10029074C70

Quality Control Testing
Official Report

Gush Mints

Sample ID: G4D0226-01 **Matrix:** Industrial Hemp
Test ID: 5027160
Source ID:
Date Sampled: 04/16/24 **Date Accepted:** 04/16/24

Delta Alternatives
469-338-1580

Results at a Glance

Total THC : 13 %

Total CBD : <LOQ (0.003% dry) %

Total CBG : 0.65 %

Percent Moisture : 17.6 % PASS

ISO 17025 ACCREDITED LABORATORY

Nolan Mundie
Lab Director - 4/23/2024

503-253-3511 / www.greenleaflabs.com
License#: 10029074C70

Gush Mints

Sample ID: G4D0226-01 **Matrix:** Industrial Hemp

Test ID: 5027160

Source ID: -

Date Sampled: 04/16/24 **Date Accepted:** 04/16/24

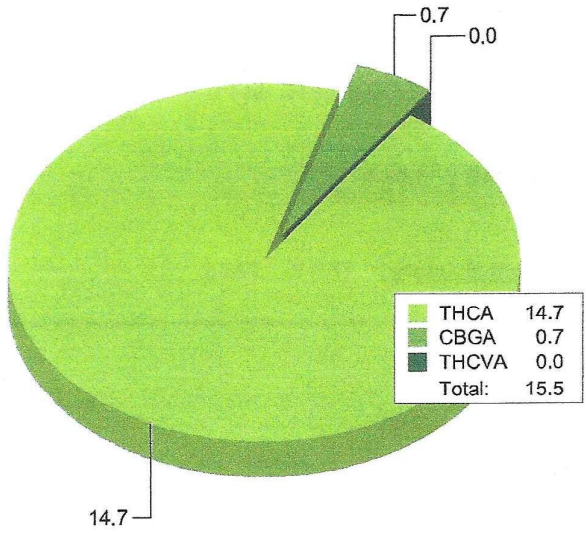
Delta Alternatives
469-338-1580

Potency Analysis

Date/Time Extracted: 04/19/24 10:44 **Analysis Method/SOP: 215** **Batch Identification: 2416078**

	LOQ (%)	% by Wt.	mg/g
Total THC	0.044	13	130
Total CBD	0.003	< LOQ	< LOQ
Total CBG	0.001	0.65	6.5
THCA	0.002	15	150
delta 9-THC	0.002	< LOQ	< LOQ
delta 8-THC	0.005	< LOQ	< LOQ
THCV	0.006	< LOQ	< LOQ
THCVA	0.002	0.016	0.16
CBD	0.0006	< LOQ	< LOQ
CBDA	0.0006	< LOQ	< LOQ
CBDV	0.006	< LOQ	< LOQ
CBDVA	0.002	< LOQ	< LOQ
CBN	0.004	< LOQ	< LOQ
CBG	0.001	< LOQ	< LOQ
CBGA	0.001	0.74	7.4
CBC	0.011	< LOQ	< LOQ

Cannabinoids Profile



Moisture

Date/Time Extracted: 04/18/24 13:22 **Analysis Method/SOP: 103**

Moisture: 17.6 % Action Level: 90%

Potency results are reported on a dry weight basis.
Total THC = delta 9-THC + (THCA * 0.877)
Total CBD = CBD + (CBDA * 0.877)
Total CBG = CBG + (CBGA * 0.878)
LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.
THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025

ISO 17025 ACCREDITED LABORATORY

Nolan Mundie
Lab Director - 4/23/2024

New Bloom Labs

Certificate of Analysis

Sample: 10-13-2022-25838

Sample Received:10/13/2022;

Report Created: 10/18/2022; Expires: 10/14/2023

Gorilla Glue-Hybrid

Plant , Flower - Cured

20.610%	<LOQ%
Total THC	Δ-9 THC
25.169 %	**<LOQ %**
Total Cannabinoids	Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 10/13/2022

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0467	0.0701	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0467	0.0701	<LOQ	<LOQ
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0467	0.0701	**23.501**	**235.009**
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0467	0.0701	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0467	0.0701	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0467	0.0701	**0.783**	**7.832**
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0467	0.0701	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0467	0.0701	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0467	0.0701	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0467	0.0701	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0467	0.0701	ND	ND
Cannabidivarin (CBDV)	0.0467	0.0701	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0467	0.0701	ND	ND
Cannabidiol (CBD)	0.0467	0.0701	ND	ND
Cannabidiolic Acid (CBDA)	0.0430	0.0701	<LOQ	<LOQ
Cannabigerol (CBG)	0.0467	0.0701	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0467	0.0701	**0.479**	**4.785**
Cannabinol (CBN)	0.0467	0.0701	ND	ND
Cannabinolic Acid (CBNA)	0.0467	0.0701	ND	ND
Cannabichromene (CBC)	0.0467	0.0701	ND	ND
Cannabichromenic Acid (CBCA)	0.0467	0.0701	**0.407**	**4.065**
Total			25.169	251.691

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
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Laboratory Director

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(844) 837-8223
TX DEA#:RN0594653

Sample: 10-13-2022-25838

Sample Received:10/13/2022;

Report Created: 10/18/2022; Expires: 10/14/2023

Gorilla Glue-Hybrid

Plant , Flower - Cured

Terpenes

(Testing Method:HS-GC/MS, CON-P-4000)

Date Tested: 10/13/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	**401.182**	**0.401**	
α-Humulene	0.750	3.000	**1728.620**	**1.729**	
α-Pinene	0.750	3.000	**318.067**	**0.318**	
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	ND	ND	
β-Caryophyllene	0.750	3.000	**5184.001**	**5.184**	
β-Myrcene	0.750	3.000	**1006.140**	**1.006**	
Borneol	0.750	3.000	**99.894**	**0.100**	
Camphene	0.750	3.000	**102.826**	**0.103**	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	**180.366**	**0.180**	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	**32.878**	**0.033**	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	**1682.281**	**1.682**	
Linalool	0.750	3.000	**360.666**	**0.361**	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	**312.995**	**0.313**	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	**24.194**	**0.024**	
Total			11434.109	11.434	1.143 %

Primary Aromas

Cinnamon

Hops

Lime

Clove

Floral

Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range.

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New Bloom Labs

Certificate of Analysis

Sample: 10-28-2022-26507

Sample Received:10/28/2022;

Report Created: 11/09/2022; Expires: 10/31/2023

Granddaddy Purple-Indica

Plant , Flower - Cured

19.051%	0.138%
Total THC	Δ-9 THC
23.036 %	**<LOQ %**
Total Cannabinoids	Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 10/28/2022

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0476	0.0714	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0476	0.0714	**0.138**	**1.381**
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0476	0.0714	**21.566**	**215.657**
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0476	0.0714	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0476	0.0714	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0476	0.0714	**0.156**	**1.562**
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0476	0.0714	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0476	0.0714	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0476	0.0714	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0476	0.0714	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0476	0.0714	ND	ND
Cannabidivarin (CBDV)	0.0476	0.0714	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0476	0.0714	ND	ND
Cannabidiol (CBD)	0.0476	0.0714	ND	ND
Cannabidiolic Acid (CBDA)	0.0476	0.0714	<LOQ	<LOQ
Cannabigerol (CBG)	0.0476	0.0714	**0.101**	**1.010**
Cannabigerolic Acid (CBGA)	0.0476	0.0714	**0.992**	**9.924**
Cannabinol (CBN)	0.0476	0.0714	ND	ND
Cannabinolic Acid (CBNA)	0.0476	0.0714	ND	ND
Cannabichromene (CBC)	0.0476	0.0714	ND	ND
Cannabichromenic Acid (CBCA)	0.0476	0.0714	**0.083**	**0.829**
Total			23.036	230.363

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

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Sample: 10-28-2022-26507

Sample Received:10/28/2022;

Report Created: 11/09/2022; Expires: 10/31/2023

Granddaddy Purple-Indica

Plant , Flower - Cured

Terpenes

(Testing Method:HS-GC/MS, CON-P-4000)

Date Tested: 10/28/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	**554.394**	**0.554**	
α-Humulene	0.750	3.000	**2398.608**	**2.399**	
α-Pinene	0.750	3.000	**757.082**	**0.757**	
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	**33.597**	**0.034**	
β-Caryophyllene	0.750	3.000	**9268.219**	**9.268**	
β-Myrcene	0.750	3.000	ND	ND	
Borneol	0.750	3.000	**127.775**	**0.128**	
Camphene	0.750	3.000	**247.339**	**0.247**	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	**186.887**	**0.187**	
Citral	0.750	3.000	<LOQ	<LOQ	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	**65.500**	**0.066**	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	**4947.230**	**4.947**	
Linalool	0.750	3.000	**4092.929**	**4.093**	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	ND	ND	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	**61.171**	**0.061**	
Total			22740.733	22.741	2.274 %

Primary Aromas

Cinnamon

Lime

Lavender

Hops

Pine

Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range.

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New Bloom Labs

Certificate of Analysis

Sample: 09-13-2022-24457

Sample Received:09/13/2022;

Report Created: 09/19/2022; Expires: 09/14/2023

Green Crack Hemp Flower - Hybrid

Plant , Flower - Wet

18.570%	<LOQ%
Total THC	Δ-9 THC
22.194 %	**<LOQ %**
Total Cannabinoids	Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 09/13/2022

Analyte	LOD	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	<LOQ	<LOQ
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0500	0.0750	**21.174**	**211.740**
Δ-9-Tetrahydrocannabiphorol (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	<LOQ	<LOQ
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)	0.0500	0.0750	<LOQ	<LOQ
Cannabigerol (CBG)	0.0500	0.0750	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0500	0.0750	**0.848**	**8.480**
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	**0.172**	**1.720**
Total			22.194	221.940

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

Amended report issued to reflect change in sample identification.

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Sample: 09-13-2022-24457

Sample Received:09/13/2022;

Report Created: 09/19/2022; Expires: 09/14/2023

Green Crack Hemp Flower - Hybrid

Plant , Flower - Wet

Terpenes

(Testing Method:HS-GC/MS, CON-P-4000)

Date Tested: 09/13/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	**3144.288**	**3.144**	
α-Pinene	0.750	3.000	**183.600**	**0.184**	
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	**24.740**	**0.025**	
β-Caryophyllene	0.750	3.000	**11213.144**	**11.213**	
β-Myrcene	0.750	3.000	**840.101**	**0.840**	
Borneol	0.750	3.000	**40.786**	**0.041**	
Camphene	0.750	3.000	**60.711**	**0.061**	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	**193.379**	**0.193**	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	**28.816**	**0.029**	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	**679.767**	**0.680**	
Linalool	0.750	3.000	**1047.339**	**1.047**	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	ND	ND	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	<LOQ	<LOQ	
Total			17456.671	17.457	1.746 %

Primary Aromas

Cinnamon

Hops

Lavender

Clove

Lime

Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range. Amended report issued to reflect change in sample identification.

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PINNACLE
ANALYTICS

Potency Results

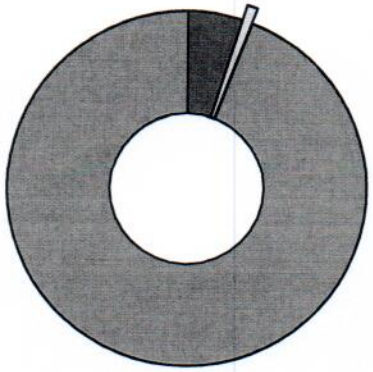
Sample Name: *Han Solo*
Client: Farm 154
Client Batch ID:

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

Sample ID: rC-C-109-D563
Matrix: Flower
Prep Analyst: Megan E.
Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 5-17-2023 H3 109, 241, 302, 355, 357 Flower

Date Sampled: 5/16/2023
Date Reported: 5/18/2023
Client License:
2099 Emigrant Creek Rd
Ashland OR 97520
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	26.1%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	13.0%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.52	15.2
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.295	2.95
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	29.4	294.0
Total Cannabinoids	31.2	312.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
d9-THC*
THCA*

NELAP ACCREDITED TNI LABORATORY

Kris Ford, PhD
Lab Director

PINNACLE
ANALYTICS

Quality Control Results

Analyst: Megan E.

Analysis Batch: *5-17-2023 H3 109, 241, 302, 355, 357 Flower*

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

	Duplicate RPD		LCS % Recovery		Method Blank	
	C-0-D565-b	Limit	C-FL-051723	Limits	C-FB-051723	Limit
CBDA	<LOQ%	30%	98.5%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	101.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	1.96%	10%	99.9%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	102.0%	90-110%	<LOQ/2	LOQ/2
THCA	4.15%	10%	96.9%	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.

NELAP ACCREDITED TNI LABORATORY

Report generated by Routine_Potency_Rev11_4-16-2023

Kris Ford, PhD
Lab Director

New Bloom Labs

Certificate of Analysis

Sample: 08-31-2022-23950

Sample Received:08/31/2022;

Report Created: 09/13/2022; Expires: 09/01/2023

Hippie Crippler Hemp Flower-Sativa

Plant , Flower - Cured

17.400%	ND%
Total THC	Δ-9 THC
21.035 %	**ND %**
Total Cannabinoids	Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 08/31/2022

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0481	0.0721	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0481	0.0721	ND	ND
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0481	0.0721	**19.840**	**198.404**
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0481	0.0721	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0481	0.0721	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0481	0.0721	**0.577**	**5.769**
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0481	0.0721	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0481	0.0721	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0481	0.0721	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0481	0.0721	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0481	0.0721	ND	ND
Cannabidivarin (CBDV)	0.0481	0.0721	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0481	0.0721	ND	ND
Cannabidiol (CBD)	0.0481	0.0721	ND	ND
Cannabidiolic Acid (CBDA)	0.0481	0.0721	ND	ND
Cannabigerol (CBG)	0.0375	0.0721	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0481	0.0721	**0.427**	**4.269**
Cannabinol (CBN)	0.0481	0.0721	ND	ND
Cannabinolic Acid (CBNA)	0.0481	0.0721	ND	ND
Cannabichromene (CBC)	0.0481	0.0721	ND	ND
Cannabichromenic Acid (CBCA)	0.0481	0.0721	**0.190**	**1.904**
Total			21.035	210.346

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

Amended report issued to reflect change in sample identification

New Bloom Labs
6121 Heritage Park Drive, A500
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975

Natalie Siracusa
Laboratory Director

New Bloom Labs
10606 Shady Trail,105
Dallas,TX 75520
(844) 837-8223
TX DEA#:RN0594653

Certificate of Analysis

Sample: 08-31-2022-23950

Sample Received:08/31/2022;

Report Created: 09/13/2022; Expires: 09/01/2023

Hippie Crippler Hemp Flower-Sativa

Plant , Flower - Cured

Terpenes

(Testing Method:HS-GC/MS, CON-P-4000)

Date Tested: 08/31/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	**452.327**	**0.452**	
α-Humulene	0.750	3.000	**1681.416**	**1.681**	
α-Pinene	0.750	3.000	**259.617**	**0.260**	
α-Terpinene	0.750	3.000	<LOQ	<LOQ	
1,8-Cineole	0.750	3.000	ND	ND	
β-Caryophyllene	0.750	3.000	**5337.786**	**5.338**	
β-Myrcene	0.750	3.000	**2733.837**	**2.734**	
Borneol	0.750	3.000	**82.944**	**0.083**	
Camphene	0.750	3.000	**82.715**	**0.083**	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	**105.925**	**0.106**	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	**29.285**	**0.029**	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	**1784.909**	**1.785**	
Linalool	0.750	3.000	**474.926**	**0.475**	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	**517.104**	**0.517**	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	**22.471**	**0.022**	
Total			13565.264	13.565	1.357 %

Primary Aromas

Cinnamon

Clove

Lime

Hops

Earthy

Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range. Amended report issued to reflect change in sample identification

New Bloom Labs
6121 Heritage Park Drive, A500
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975

Natalie Siracusa
Laboratory Director

New Bloom Labs
10606 Shady Trail,105
Dallas,TX 75520
(844) 837-8223
TX DEA#:RN0594653

PINNACLE ANALYTICS

Potency Results

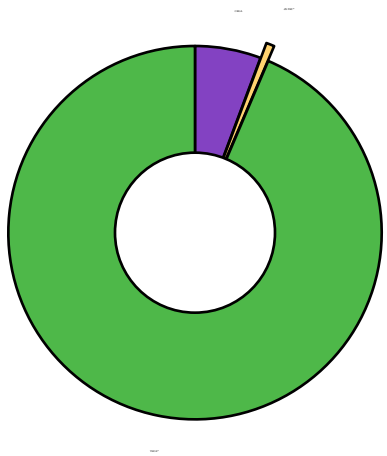
Sample Name: *ICC Runtz*
Client: Sami Nummi
Client Batch ID:

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

Sample ID: rC-C-22-C924
Matrix: Flower
Prep Analyst: Megan E.
Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 11-21-2022 H4 22, 161, 247, 276, 317 Flower

Date Sampled: 11/16/2022
Date Reported: 11/22/2022
Client License: N/A
Ashland
OR
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	18.2%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	11.3%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.25	12.5
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.155	1.55
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	20.5	205.0
Total Cannabinoids	21.9	219.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
d9-THC*
THCA*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Megan E.

Analysis Batch: *11-21-2022 H4 22, 161, 247, 276, 317 Flower*

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

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-C957-b	Limit	C-FL-112122	Limits	C-FB-112122	Limit
CBDA	1.3%	10%	103.0%	90-110%	<LOQ/2	LOQ/2
CBD	1.3%	30%	103.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	9.62%	30%	93.3%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
THCA	1.15%	10%	98.5%	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.

Kris Ford, PhD
Lab Director

PINNACLE
ANALYTICS

Potency Results

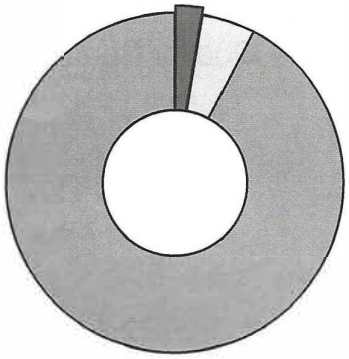
Sample Name: *Ice Cream Cake*
Client:
Client Batch ID:

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

Sample ID: rC-H-205-E502
Matrix: Flower
Prep Analyst: Megan A.
Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 3-6-2024 H3 205, 211, 398, 413, 461 Flower

Date Sampled: 1/5/2024
Date Reported: 1/7/2024
Client License: N/A 205
Surrey Dr. Jacksonville
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	20.2%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	9.1%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.643	6.43
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.25	2.5
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	22.8	228.0
Total Cannabinoids	23.69	237.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

- CBGA
- d9-THC*
- THCA*

Kris Ford, PhD
Lab Director

PINNACLE
ANALYTICS

Quality Control Results

Analyst: Megan A.

Analysis Batch: *3-6-2024 H3 205, 211, 398, 413, 461 Flower*

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

	Duplicate RPD H-0-E496-b	Limit	LCS % Recovery C-FL-030624	Limits	Method Blank C-FB-030624	Limit
CBDA	<LOQ%	30%	100.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	108.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	1.08%	10%	93.4%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	94.4%	90-110%	<LOQ/2	LOQ/2
THCA	0.792%	10%	93.8%	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.

Kris Ford, PhD
Lab Director

PINNACLE
ANALYTICS

Potency Results

Sample Name: *Jelly Breath*
Client: FH-50
Batch ID:

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

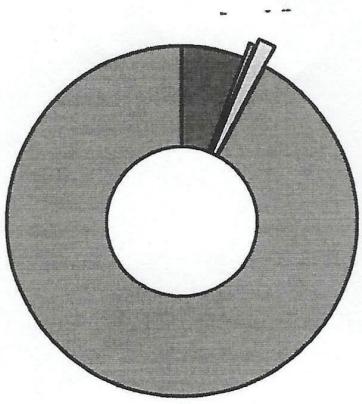
Sample ID: rC-185-2408
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 1-5-2024 H3 0, 185, 430 Flower

Date Sampled: 1/4/2024
Date Reported: 1/5/2024
Client License: N/A
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	20.6%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	11.7%

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.44	14.4
CBG	0.13	1.3
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.397	3.97
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	23.1	231.0
Total Cannabinoids	25.07	251.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured



CBGA
CBG
d9-THC*
THCA*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Potency Results

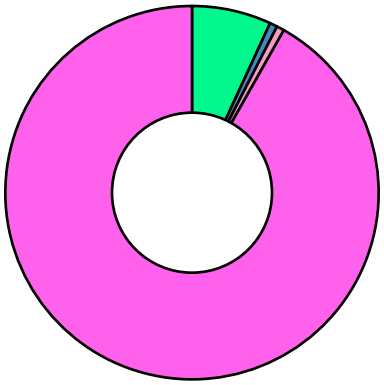
Sample Name: *Jel-nay-nay*
Client: GFF
Client Batch ID:

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

Sample ID: rC-C-22-C920
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+5 H4 4-21-2022 #3.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 11-17-2022 H4 22, 109, 161, 205 Flower

Date Sampled: 11/16/2022
Date Reported: 11/23/2022
Client License: N/A
Ashland
OR
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	18.3%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	8.51%



CBGA
THCA*
CBG
d9-THC*

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.55	15.5
CBG	0.147	1.47
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.149	1.49
d8-THC	<LOQ	<LOQ
9S-HHC	<LOQ	<LOQ
9R-HHC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	20.7	207.0
d8-THCO	<LOQ	<LOQ
d9-THCO	<LOQ	<LOQ
Total Cannabinoids	22.5	225.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

NELAP ACCREDITED TNI LABORATORY

Report generated by HHC_Potency_Rev2_10-16-2022

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Jeff A.

Analysis Batch: *11-17-2022 H4 22, 109, 161, 205 Flower*

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

	Duplicate RPD H-0-C936-b	Limit	LCS % Recovery C-FL-111722	Limits	Method Blank C-FB-111722	Limit
CBDA	0.247%	10%	100.0%	90-110%	<LOQ/2	LOQ/2
CBD	1.14%	30%	101.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	<LOQ%	30%	91.7%	90-110%	<LOQ/2	LOQ/2
THCA	1.01%	10%	98.9%	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.

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Potency Results

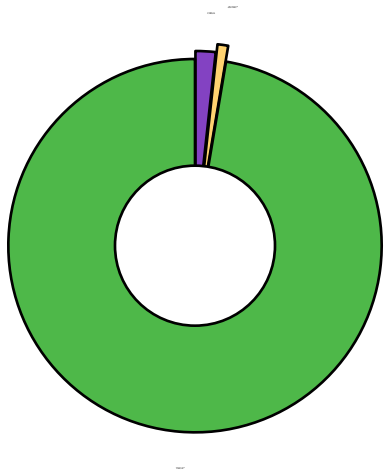
Sample Name: *Jet Jealousy*
Client:
Client Batch ID:

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

Sample ID: rC-C-35-C613
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 9-15-2022 H3 35, 276, 290, 292 Flower

Date Sampled: 9/15/2022
Date Reported: 10/18/2022
Client License: N/A
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	19.5%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	13.0%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.392	3.92
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.209	2.09
d8-THC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	22.0	220.0
Total Cannabinoids	22.6	226.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
d9-THC*
THCA*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Jeff A.

Analysis Batch: *9-15-2022 H3 35, 276, 290, 292 Flower*

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

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-C604-b	Limit	C-FL-091522	Limits	C-FB-091522	Limit
CBDA	1.61%	10%	104.0%	90-110%	<LOQ/2	LOQ/2
CBD	0.118%	10%	110.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	1.66%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
THCA	<LOQ%	30%	101.0%	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.

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Terpene Results

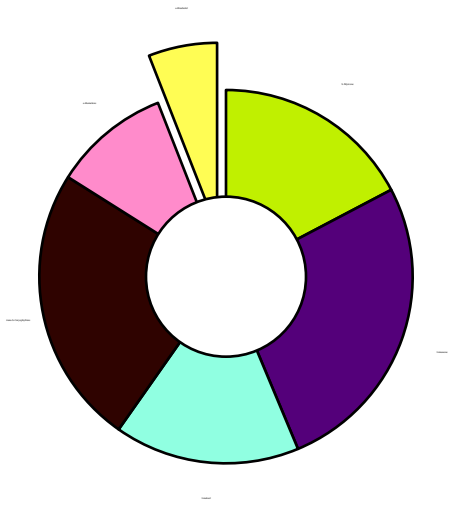
Sample Name: *Jet Jealousy*
Client:
Client Batch ID:

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

Sample ID: rT-C-35-C613
Matrix: Flower
Date Received: 9/15/2022
Date Reported: 10/18/2022
Analysis Method: 220624 TerpenesNO IS.mdb
Analyst: Jeff A.
Analysis Batch: 220917 G1 35_290 Terpenes

Client License:N/A
For R&D Purposes Only

Total Terpene Content	2.09%
Main Terpene	Limonene
Moisture Content	13%



Terpene	% Weight	mg/g
a-Pinene	<LOQ	<LOQ
Camphene	<LOQ	<LOQ
b-Myrcene	0.361	3.61
b-Pinene	<LOQ	<LOQ
3-Carene	<LOQ	<LOQ
a-Terpinene	<LOQ	<LOQ
cis-b-ocimene	<LOQ	<LOQ
Limonene	0.551	5.51
p-cymene	<LOQ	<LOQ
trans-b-Ocimene	<LOQ	<LOQ
Eucalyptol	<LOQ	<LOQ
y-Terpinene	<LOQ	<LOQ
Terpinolene	<LOQ	<LOQ
Linalool	0.335	3.35
Isopulegol	<LOQ	<LOQ
Geraniol	<LOQ	<LOQ
trans-b-Caryophyllene	0.505	5.05
a-Humelene	0.211	2.11
cis-Nerolidol	<LOQ	<LOQ
trans-Nerolidol	<LOQ	<LOQ
Guaiol	<LOQ	<LOQ
Caryophyllene Oxide	<LOQ	<LOQ
a-Bisabolol	0.124	1.24
Total Terpenes	2.09	20.9

Limit Of Quantitation: 0.1%, analyte not measured

Report generated by Terpenes_Rev2_3-4-2022

Kris Ford, PhD
Lab Director

New Bloom Labs

Certificate of Analysis

Sample: 12-18-2023-43173

Sample Received:12/18/2023;

Report Created: 12/19/2023; Expires: 12/18/2024

Kombucha

Plant , Flower - Cured

24.993% Total THC	0.269 % Δ-9 THC
30.428% Total Cannabinoids	<LOQ % Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 12/18/2023

Analyte	LOD %	LOQ %	Mass %	Mass mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0455	0.0682	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0455	0.0682	**0.269**	**2.692**
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0455	0.0682	**28.192**	**281.918**
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0455	0.0682	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0455	0.0682	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0455	0.0682	**0.917**	**9.168**
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0455	0.0682	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0455	0.0682	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0455	0.0682	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0455	0.0682	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0455	0.0682	ND	ND
Cannabidivarin (CBDV)	0.0455	0.0682	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0455	0.0682	ND	ND
Cannabidiol (CBD)	0.0455	0.0682	ND	ND
Cannabidiolic Acid (CBDA)	0.0200	0.0682	<LOQ	<LOQ
Cannabigerol (CBG)	0.0455	0.0682	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0455	0.0682	**0.683**	**6.827**
Cannabinol (CBN)	0.0455	0.0682	ND	ND
Cannabinolic Acid (CBNA)	0.0455	0.0682	<LOQ	<LOQ
Cannabichromene (CBC)	0.0455	0.0682	ND	ND
Cannabichromenic Acid (CBCA)	0.0455	0.0682	**0.367**	**3.673**
Total			**30.428**	**304.278**

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: ± 0.050%
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
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

New Bloom Labs

Certificate of Analysis

Sample: 10-05-2023-39591

Sample Received:10/05/2023;

Report Created: 10/23/2023; Expires: 10/05/2024

LA Kush Cake

Plant , Flower - Uncured

18.536 % Total THC	0.112 % Δ-9 THC
21.323 % Total Cannabinoids	<LOQ % Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 10/05/2023

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0485	0.0728	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0485	0.0728	**0.112**	**1.117**
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0485	0.0728	**21.009**	**210.087**
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0485	0.0728	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0485	0.0728	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0311	0.0728	<LOQ	<LOQ
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0485	0.0728	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0485	0.0728	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0485	0.0728	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0485	0.0728	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0485	0.0728	ND	ND
Cannabidivarin (CBDV)	0.0485	0.0728	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0485	0.0728	ND	ND
Cannabidiol (CBD)	0.0485	0.0728	ND	ND
Cannabidiolic Acid (CBDA)	0.0311	0.0728	<LOQ	<LOQ
Cannabigerol (CBG)	0.0311	0.0728	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0485	0.0728	**0.203**	**2.029**
Cannabinol (CBN)	0.0485	0.0728	ND	ND
Cannabinolic Acid (CBNA)	0.0485	0.0728	ND	ND
Cannabichromene (CBC)	0.0485	0.0728	ND	ND
Cannabichromenic Acid (CBCA)	0.0485	0.0728	<LOQ	<LOQ
Total			**21.323**	**213.233**

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: ± 0.050%
Total CBD Measurement of Uncertainty: ± 2.000%
THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers

Amended report issued to reflect change in sample identification.

New Bloom Labs
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TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

New Bloom Labs

Certificate of Analysis

Sample: 04-14-2023-32366

Sample Received: 04/14/2023;
Report Created: 04/17/2023; Expires: 04/16/2024

LCG
Plant , Flower - Uncured

21.356 % Total THC	**0.249 %** Δ-9 THC
25.827 % Total Cannabinoids	**<LOQ %** Total CBD

Cannabinoids

Complete

(Testing Method: HPLC , CON-P-3009)
Date Tested: 04/14/2023

Analyte	LOD %	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-Tetrahydrocannabiphorol (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
Cannabichromene (CBCV)	0.0500	0.0750	ND	ND
Cannabichromevarinic Acid (CBCVA)	0.0500	0.0750	ND	ND
Cannabicitran (CBT)	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 = 0.046%
Total CBD Measurement of Uncertainty = 2.000%
THCO potency analysis does not designate quantities specificity of Δ-8-THCO and Δ-9-THCO isomers

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Natalie Siracusa
Laboratory Director

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Marin Analytics
250 BEL MARIN KEYS BLVD #D4 - NOVATO, CA 94949 833.321.TEST

CERTIFICATE OF ANALYSIS

Sample 642-010524-010

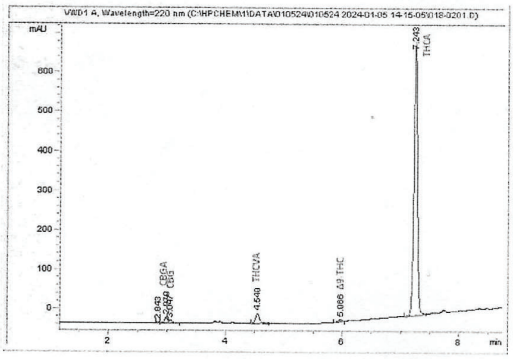
Lemon Haze

Sample Submitted: 01-05-2024; Report Date: 01-11-2024

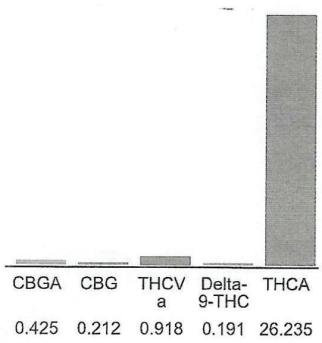
Lemon Haze

Plant Material: Flower

Chromatogram



Cannabinoid Profile



Cannabinoid Profile by HPLC

0.19%
Delta-9-THC

0.00%
CBD

27.98%
Total Cannabinoids

Cannabinoid	% wt	mg/g
CBGA	0.425	4.25
CBG	0.212	2.12
THCVa	0.918	9.18
Delta-9-THC	0.191	1.91
THCA	26.24	262.35
Total Cannabinoids	**27.98**	**279.8**
Calculated Total THC	**23.20**	**231.99**
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
250 Bel Marin Keys Blvd, Suite D4
Novato, CA 94949
833-321-TEST / info@marinanalytics.com

Mike Clemmons
Lab Manager

New Bloom Labs

Certificate of Analysis

Sample: 09-13-2022-24460

Sample Received:09/13/2022;

Report Created: 09/19/2022; Expires: 09/14/2023

Miracle Alien Cookies Hemp Flower - Hybrid

Plant , Flower - Wet

17.841%	0.125%
Total THC	Δ-9 THC
21.415 %	**<LOQ %**
Total Cannabinoids	Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 09/13/2022

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0503	0.0754	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0503	0.0754	**0.125**	**1.254**
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0503	0.0754	**20.200**	**202.000**
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0503	0.0754	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0503	0.0754	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0503	0.0754	**0.078**	**0.780**
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0503	0.0754	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0503	0.0754	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0503	0.0754	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0503	0.0754	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0503	0.0754	ND	ND
Cannabidivarin (CBDV)	0.0503	0.0754	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0503	0.0754	ND	ND
Cannabidiol (CBD)	0.0503	0.0754	ND	ND
Cannabidiolic Acid (CBDA)	0.0462	0.0754	<LOQ	<LOQ
Cannabigerol (CBG)	0.0462	0.0754	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0503	0.0754	**0.833**	**8.332**
Cannabinol (CBN)	0.0503	0.0754	ND	ND
Cannabinolic Acid (CBNA)	0.0503	0.0754	ND	ND
Cannabichromene (CBC)	0.0503	0.0754	ND	ND
Cannabichromenic Acid (CBCA)	0.0503	0.0754	**0.179**	**1.789**
Total			21.415	214.155

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

Amended report issued to reflect change in sample identification.

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Natalie Siracusa
Laboratory Director

New Bloom Labs
10606 Shady Trail,105
Dallas,TX 75520
(844) 837-8223
TX DEA#:RN0594653

Sample: 09-13-2022-24460

Sample Received:09/13/2022;

Report Created: 09/19/2022; Expires: 09/14/2023

Miracle Alien Cookies Hemp Flower - Hybrid

Plant , Flower - Wet

Terpenes

(Testing Method:HS-GC/MS, CON-P-4000)

Date Tested: 09/13/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	**3010.286**	**3.010**	
α-Pinene	0.750	3.000	**304.911**	**0.305**	
α-Terpinene	0.750	3.000	<LOQ	<LOQ	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	**10637.975**	**10.638**	
β-Myrcene	0.750	3.000	**1751.616**	**1.752**	
Borneol	0.750	3.000	**51.786**	**0.052**	
Camphene	0.750	3.000	**96.126**	**0.096**	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	**127.608**	**0.128**	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	**31.005**	**0.031**	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	**1299.023**	**1.299**	
Linalool	0.750	3.000	**1244.669**	**1.245**	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	ND	ND	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	<LOQ	<LOQ	
Total			18555.006	18.555	1.856 %

Primary Aromas

Cinnamon

Hops

Clove

Lime

Lavender

Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range. Amended report issued to reflect change in sample identification.

New Bloom Labs
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Natalie Siracusa
Laboratory Director

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TX DEA#:RN0594653

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CERTIFICATE OF ANALYSIS

Prepared for:
FH-154

Monkey Banana

Batch ID or Lot Number:	Test:	Reported:	USDA License:
	Dry Weight Potency	**26Jan2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000269054	26Jan2024	NA
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	25Jan2024	NA

Cannabinoids

	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)
Cannabichromene (CBC)	0.019	0.064	ND	ND
Cannabichromenic Acid (CBCA)	0.017	0.058	0.257	0.237 - 0.277
Cannabidiol (CBD)	0.059	0.186	ND	ND
Cannabidiolic Acid (CBDA)	0.061	0.191	ND	ND
Cannabidivarin (CBDV)	0.014	0.044	ND	ND
Cannabidivarinic Acid (CBDVA)	0.025	0.080	ND	ND
Cannabigerol (CBG)	0.011	0.036	0.105	0.097 - 0.113
Cannabigerolic Acid (CBGA)	0.044	0.151	1.091	1.007 - 1.175
Cannabinol (CBN)	0.014	0.047	ND	ND
Cannabinolic Acid (CBNA)	0.030	0.103	ND	ND
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.053	0.180	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.048	0.163	ND	ND
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.043	0.145	19.937	18.396 - 21.478
Tetrahydrocannabivarin (THCV)	0.010	0.033	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.038	0.128	ND	ND
Total Cannabinoids			**21.390**	**19.737 - 23.043**
Total Potential THC			17.485	16.133 - 18.836

Notes

Dried Sample Moisture Content = 80.66%
Measurement Uncertainty = 7.73%
Results generated using a non-validated, non-compliant method.

Final Approval

Samantha Smith
26Jan2024
02:00:00 PM MST
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
26Jan2024
02:07:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/1f7477b4-b510-48bc-a8d8-1e7be9f95479

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or – the measurement uncertainty.

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Cert #4329.02

1f7477b4b51048bca8d81e7be9f95479.1

New Bloom Labs

Certificate of Analysis

Sample: 02-21-2023-30575

Sample Received:02/21/2023;
Report Created: 02/23/2023; Expires: 02/23/2024

Orange Creamsicle 1
Plant , Flower - Cured

21.597% Total THC	0.250% Δ-9 THC
26.525 % Total Cannabinoids	<LOQ % Total CBD

Cannabinoids

Complete

(Testing Method HPLC, CON-P-3000)
Date Tested: 02/21/2023

Analyte	LOD %	LOQ %	Mass %	Mass mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0488	0.0732	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0488	0.0732	0.250	2.498
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0488	0.0732	24.341	243.415
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0488	0.0732	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0488	0.0732	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0488	0.0732	ND	ND
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0488	0.0732	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0488	0.0732	ND	ND
[illegible] (9R-HHC)	0.0488	0.0732	ND	ND
[illegible] (9S-HHC)	0.0488	0.0732	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0488	0.0732	ND	ND
Cannabidivarin (CBDV)	0.0488	0.0732	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0488	0.0732	ND	ND
Cannabidiol (CBD)	0.0488	0.0732	ND	ND
Cannabichromic Acid (CBDA)	0.0263	0.0732	<LOQ	<LOQ
Cannabigerol (CBG)	0.0263	0.0732	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0488	0.0732	1.412	14.117
Cannabinol (CBN)	0.0488	0.0732	ND	ND
Cannabinolic Acid (CBNA)	0.0263	0.0732	<LOQ	<LOQ
Cannabichromene (CBC)	0.0488	0.0732	ND	ND
Cannabichromenic Acid (CBCA)	0.0488	0.0732	0.522	5.220
Total			26.525	265.250

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 = 0.0488
Total CBD Measurement of Uncertainty = 2.000%
THCD potency analysis does not distinguish quantities between the R and Δ-9-THCD and Δ-9-THCD isomers

New Bloom Labs
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ANAB Testing Laboratory (AT-2868)
ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

PINNACLE
ANALYTICS

Potency Results

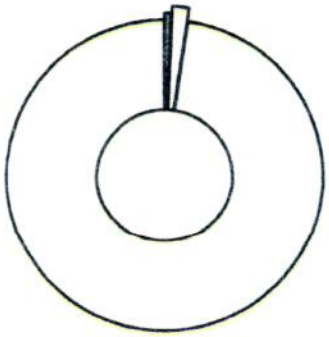
Sample Name: *Orange*
Client:
Client Batch ID:

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

Sample ID: rC-C-35-C616
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 9-15-2022 H3 35, 276, 290, 292 Flower

Date Sampled: 9/15/2022
Date Reported: 10/18/2022
Client License: N/A

Total THC (THCA*0.877+d9-THC)	14.7%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	15.7%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.117	1.17
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.282	2.82
d8-THC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	16.4	164.0
Total Cannabinoids	16.8	168.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

- ■ CBGA
- ☐ d9-THC*
- ☐ THCA*

NELAP ACCREDITED TNI LABORATORY

Report generated by Routine_Potency_Rev9_4-7-2022

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Potency Results

Sample Name: *Pandemic*
Client:
Client Batch ID:

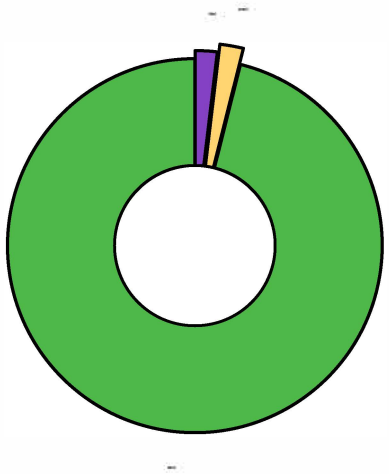
Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-109-D108
Matrix: Flower
Prep Analyst: Megan E.
Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 3-7-2023 H4 101, 109, 276, 302 Flower

Date Sampled: 3/3/2023
Date Reported: 3/7/2023
Client License:

For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	15.5%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	10.4%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.338	3.38
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.368	3.68
d8-THC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	17.3	173.0
Total Cannabinoids	18.0	180.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
d9-THC*
THCA*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Megan E.

Analysis Batch: *3-7-2023 H4 101, 109, 276, 302 Flower*

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

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-D112-b	Limit	C-FL-030723	Limits	C-FB-030723	Limit
CBDA	<LOQ%	30%	104.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	98.6%	90-110%	<LOQ/2	LOQ/2
d9-THC	0.264%	30%	92.5%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	102.0%	90-110%	<LOQ/2	LOQ/2
THCA	0.169%	10%	97.9%	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.

Kris Ford, PhD
Lab Director

New Bloom Labs

Certificate of Analysis

Sample: 04-14-2023-32362

Sample Received:04/14/2023;

Report Created: 04/17/2023; Expires: 04/16/2024

Pink Runtz

Plant , Flower - Uncured

22.665 % Total THC	0.291 % Δ-9 THC
26.367 % Total Cannabinoids	<LOQ % Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 04/14/2023

Analyte	LOD %	LOQ %	Mass %	Mass mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0435	0.0652	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9THC)	0.0435	0.0652	0.291	2.913
Δ-9-TetrahydrocannabinolicAcid (THCA-A)	0.0435	0.0652	25.511	255.113
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0435	0.0652	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0435	0.0652	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0435	0.0652	ND	ND
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0435	0.0652	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0435	0.0652	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0435	0.0652	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0435	0.0652	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0435	0.0652	ND	ND
Cannabidivarin (CBDV)	0.0435	0.0652	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0435	0.0652	ND	ND
Cannabidiol (CBD)	0.0435	0.0652	ND	ND
Cannabidiolic Acid (CBDA)	0.0391	0.0652	<LOQ	<LOQ
Cannabigerol (CBG)	0.0391	0.0652	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0435	0.0652	0.400	4.000
Cannabinol (CBN)	0.0435	0.0652	ND	ND
Cannabinolic Acid (CBNA)	0.0435	0.0652	ND	ND
Cannabichromene (CBC)	0.0435	0.0652	ND	ND
Cannabichromenic Acid (CBCA)	0.0435	0.0652	0.164	1.643
Total			26.367	263.669

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
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

PINNACLE ANALYTICS

Potency Results

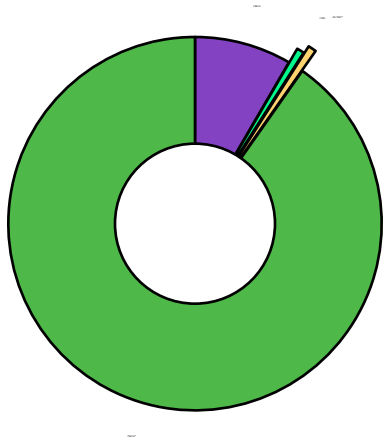
Sample Name: *Platinum Runtz*
Client:
Client Batch ID:

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

Sample ID: rC-C-22-C923
Matrix: Flower
Prep Analyst: Megan E.
Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 11-21-2022 H4 22, 161, 247, 276, 317 Flower

Date Sampled: 11/16/2022
Date Reported: 1/4/2023
Client License: N/A
Ashland
OR
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	12.6%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	9.28%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.33	13.3
CBG	0.101	1.01
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.113	1.13
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	14.3	143.0
Total Cannabinoids	15.8	158.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
CBG
d9-THC*
THCA*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Megan E.

Analysis Batch: *11-21-2022 H4 22, 161, 247, 276, 317 Flower*

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

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-C957-b	Limit	C-FL-112122	Limits	C-FB-112122	Limit
CBDA	1.3%	10%	103.0%	90-110%	<LOQ/2	LOQ/2
CBD	1.3%	30%	103.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	9.62%	30%	93.3%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
THCA	1.15%	10%	98.5%	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.

Kris Ford, PhD
Lab Director

New Bloom Labs

Certificate of Analysis

Sample: 09-13-2023-38508

Sample Received:09/13/2023;

Report Created: 10/26/2023; Expires: 09/14/2024

Rainbow Sherbert #11

Plant , Flower - Uncured

19.787 %	0.084 %
Total THC	Δ-9 THC
23.672 %	**<LOQ %**
Total Cannabinoids	Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 09/13/2023

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0498	0.0746	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0498	0.0746	**0.084**	**0.836**
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0498	0.0746	**22.467**	**224.667**
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0498	0.0746	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0498	0.0746	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0498	0.0746	<LOQ	<LOQ
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0498	0.0746	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0498	0.0746	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0498	0.0746	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0498	0.0746	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0498	0.0746	ND	ND
Cannabidivarin (CBDV)	0.0498	0.0746	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0498	0.0746	ND	ND
Cannabidiol (CBD)	0.0498	0.0746	ND	ND
Cannabidiolic Acid (CBDA)	0.0239	0.0746	<LOQ	<LOQ
Cannabigerol (CBG)	0.0239	0.0746	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0498	0.0746	**1.031**	**10.308**
Cannabinol (CBN)	0.0498	0.0746	ND	ND
Cannabinolic Acid (CBNA)	0.0498	0.0746	ND	ND
Cannabichromene (CBC)	0.0498	0.0746	ND	ND
Cannabichromenic Acid (CBCA)	0.0498	0.0746	**0.090**	**0.905**
Total			**23.672**	**236.716**

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: ± 0.050%
Total CBD Measurement of Uncertainty: ± 2.000%
THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers

Amended report issued to reflect change in sample identification.

New Bloom Labs
6121 Heritage Park Drive, A500
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

PINNACLE
ANALYTICS

Potency Results

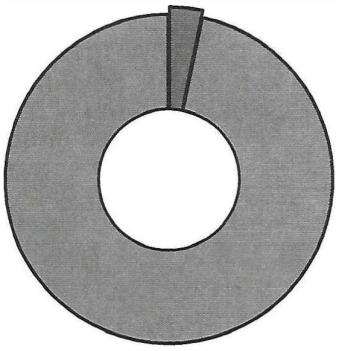
Sample Name: *Runtz Mintz*
Client:
Client Batch ID:

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

Sample ID:
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 11-16-2023 H3 185, 205, 355 Flower

Date Sampled: 2/3/2024
Date Reported: 2/7/2024
Client License: N/A
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	21.0%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	7.8%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.475	4.75
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	<LOQ	<LOQ
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	23.9	239.0
Total Cannabinoids	24.38	244.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
THCA*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Potency Results

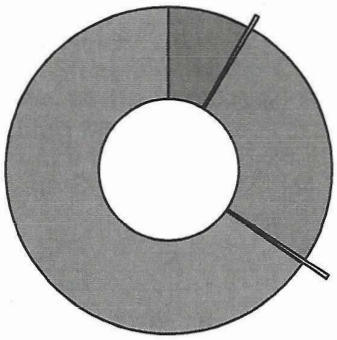
Sample Name: *Snow Caps*
Client: DA
Client Batch ID:

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

Sample ID: rC-H-205-E751
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 4-5-2024 H4 22, 276, 462, 474 Flower

Date Sampled: 4/4/2024
Date Reported: 4/9/2024
Client License: N/A
205 Surrey Dr.
Jacksonville
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	39.5%
Total CBD (CBDA*0.877+CBD)	17.6%
Moisture Content	4.17%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	5.52	55.2
CBG	0.265	2.65
CBD*	17.6	176.0
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.298	2.98
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	44.7	447.0
Total Cannabinoids	68.38	684.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
CBG
CBD*
d9-THC*
THCA*

NELAP ACCREDITED TNI LABORATORY

Kris Ford, PhD
Lab Director

PINNACLE
ANALYTICS

Quality Control Results

Analyst: Jeff A.

Analysis Batch: *11-16-2023 H3 185, 205, 355 Flower*

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

	Duplicate RPD H-0-D1960-b	Limit	LCS % Recovery C-FL-111623	Limits	Method Blank C-FB-111623	Limit
CBDA	<LOQ%	30%	103.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	106.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	8.81%	10%	97.1%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	100.0%	90-110%	<LOQ/2	LOQ/2
THCA	1.2%	10%	98.2%	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: Notes:

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Potency Results

Sample Name: *Trainwreck*
Client: GHL96
Client Batch ID:

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

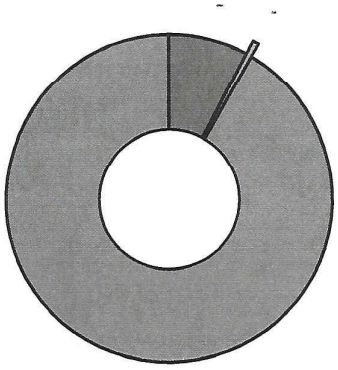
Sample ID:
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 12-7-2023 H4 205, 276, 390, 412 Flower

Date Sampled: 2/4/2024
Date Reported: 2/7/2024
Client License: N/A
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	18.4%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	82.3%

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.79	17.9
CBG	0.139	1.39
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	<LOQ	<LOQ
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	21.0	210.0
Total Cannabinoids	22.93	229.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured



CBGA
CBG
THCA*

NELAP ACCREDITED TNI LABORATORY

Kris Ford, PhD
Lab Director

PINNACLE
ANALYTICS

Quality Control Results

Analyst: Jeff A.

Analysis Batch: *12-7-2023 H4 205, 276, 390, 412 Flower*

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

	Duplicate RPD H-0-D2106-b	Limit	LCS % Recovery C-FL-120723	Limits	Method Blank C-FB-120723	Limit
CBDA	1.59%	10%	97.9%	90-110%	<LOQ/2	LOQ/2
CBD	2.37%	10%	102.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	2.24%	30%	102.0%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	103.0%	90-110%	<LOQ/2	LOQ/2
THCA	<LOQ%	30%	92.9%	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.

Kris Ford, PhD
Lab Director

ROGUE RESEARCH LAB

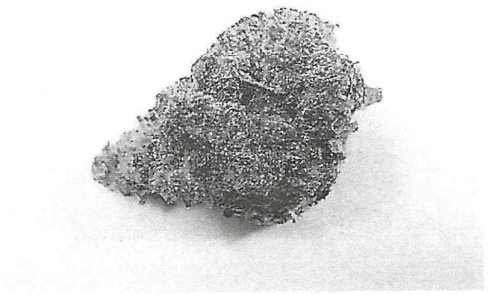
Certificate of Analysis

These test results are for Research and Development purposes only

Sample Carbon Fiber

Strain

0.26% Δ9 THC	**0.17%** Total CBD	**36.52%** Total Cannabinoids
Not tested Water Activity	**Pass** **7.95** Moisture	**365.2** mg / g Total Cannabinoids



Sample ID **24040430223**

Matrix Augmented Flower

Harvest/Prod Date

Report Created 4/16/2024

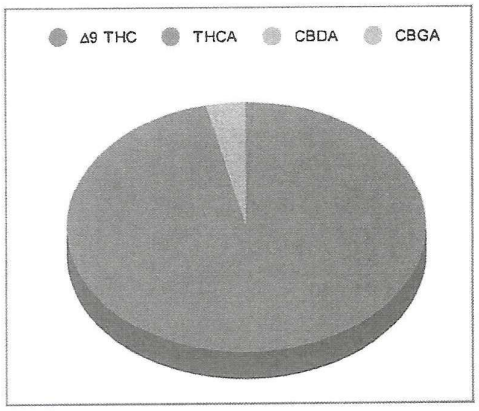
Results Valid Until 4/17/2025

Sample Extracted
4/15/2024 14:47:00

Sample Analyzed
4/16/2024 11:11

Method SOP LO001-R11

Cannabinoids	%Weight	mg/ gram	LOQ(% /w)
Δ9 THC	0.26	2.6	0.06
THCA	34.98	349.8	0.06
Total THC (THCA*0.877)+9THC	30.94	309.4	0.06
CBDA	0.20	2.0	0.06
CBD	<LOQ	<LOQ)	0.06
CBN	<LOQ	<LOQ)	0.06
Δ8 THC	<LOQ	<LOQ)	0.06
CBC	<LOQ	<LOQ)	0.06
CBGA	1.09	10.9	0.06
CBG	<LOQ	<LOQ)	0.06
CBDV	<LOQ	<LOQ)	0.06
CBDVA	<LOQ	<LOQ)	0.06
THCVA	<LOQ	<LOQ)	0.06
CBDQ	<LOQ	<LOQ)	0.06
HHC	<LOQ	<LOQ)	0.09



Total THC and Total CBD are calculated values per OAR 333-064-0100. Cannabinoid values for plant matter samples are reported on a dry weight basis. Water activity action level is 0.65Aw. LOQ= Limit of Quantitation. NR=Not Reported.

Rogue Research Lab LLC
Rogue River, OR 97537 Tel. 541-582-1962

rogueresearchlab.com

Craig Berry - Lab Director
4/16/24

ROGUE RESEARCH LAB

PINNACLE
ANALYTICS

Quality Control Results

Analyst: Jeff A.

Analysis Batch: *4-5-2024 H4 22, 276, 462, 474 Flower*

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

	Duplicate RPD H-0-E758-b	Limit	LCS % Recovery C-FL-040524	Limits	Method Blank C-FB-040524	Limit
CBDA	<LOQ%	30%	103.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	97.5%	90-110%	<LOQ/2	LOQ/2
d9-THC	0.349%	10%	97.7%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	91.8%	90-110%	<LOQ/2	LOQ/2
THCA	0.868%	10%	105.0%	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.

Kris Ford, PhD
Lab Director

New Bloom Labs

Certificate of Analysis

Sample: 09-13-2023-38494

Sample Received:09/13/2023;

Report Created: 10/02/2023; Expires: 09/14/2024

Sour Apple Diesel

Plant , Flower - Uncured

20.057 %	0.126 %
Total THC	Δ-9 THC
23.885 %	**<LOQ %**
Total Cannabinoids	Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 09/13/2023

Analyte	LOD	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	**0.126**	**1.260**
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0500	0.0750	**22.726**	**227.260**
Δ-9-Tetrahydrocannabiphorol (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	<LOQ	<LOQ
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)	0.0200	0.0750	<LOQ	<LOQ
Cannabigerol (CBG)	0.0200	0.0750	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0500	0.0750	**0.867**	**8.670**
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	**0.166**	**1.660**
Total			**23.885**	**238.850**

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: ± 0.050%
Total CBD Measurement of Uncertainty: ± 2.000%
THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers

Amended report issued to reflect change in sample identification.

New Bloom Labs
6121 Heritage Park Drive, A500
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
Farm 154

Space Junky 1

Batch ID or Lot Number:	Test:	Reported:	USDA License:
1	**Potency**	**18Nov2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000228101	16Nov2022	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	16Nov2022	N/A

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.018	0.062	0.080	0.80	
Cannabichromenic Acid (CBCA)	0.016	0.057	1.070	10.70	
Cannabidiol (CBD)	0.064	0.165	<LOQ	<LOQ	
Cannabidiolic Acid (CBDA)	0.065	0.169	ND	ND	
Cannabidivarin (CBDV)	0.015	0.039	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.027	0.071	ND	ND	
Cannabigerol (CBG)	0.010	0.035	0.110	1.10	
Cannabigerolic Acid (CBGA)	0.042	0.148	0.540	5.40	
Cannabinol (CBN)	0.013	0.046	ND	ND	
Cannabinolic Acid (CBNA)	0.029	0.101	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.050	0.176	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.045	0.160	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.040	0.142	20.690	206.90	
Tetrahydrocannabivarin (THCV)	0.009	0.032	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.035	0.125	0.560	5.60	
Total Cannabinoids			**23.050**	**230.50**	
Total Potential THC			18.145	181.45	
Total Potential CBD			0.000	0.00	

Final Approval

Karen Winternheimer
18Nov2022
03:22:00 PM MST
PREPARED BY / DATE

Sam Smith
18Nov2022
03:23:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/f501a80b-6c6b-40bf-a25c-e81e2fa3f54e

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)).

Cert #4329.02
f501a80b6c6b40bfa25ce81e2fa3f54e.1

Report: COA Evaluation Summary

OLCC License No. 10087092BDA | ORELAP ID. 4147
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PREE LABORATORIES

For OLCC/OHA Compliance Purposes.

Product Description

Client: [redacted]

Product Name: **Strawberry Guava Trimmed Bud**

Harvest Lot: 11/9/2022
Harvest Date: 11/9/2022
Matrix: Cannabinoid Plant
Metrc Source ID: [redacted]
Metrc Package ID: [redacted]
License Number: [redacted]
Date Collected: 2022-12-22
Date Received: 2022-12-27
Report Date: 2022-12-30
Report ID: [redacted]
Tests Requested: Water Activity
Moisture Analysis
Cannabinoid Potency Analysis
Pesticide Analysis
Mycotoxin Analysis
Terpene Analysis

Strawberry Guava Trimmed Bud

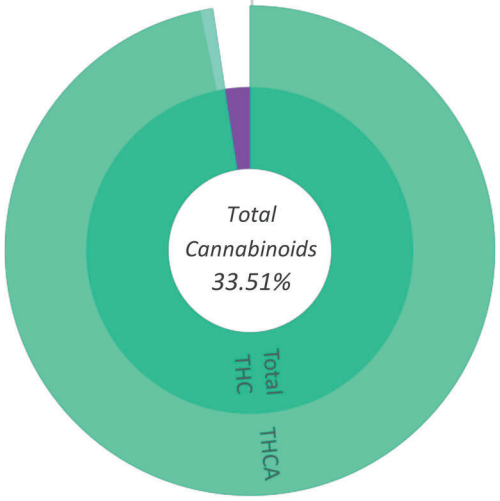
Evaluation Summary

Water Activity	Tested Value (aw)	Pass Criteria (aw)
Pass	**0.48 aw**	< 0.65 aw

Moisture Analysis	Tested Value (%)	Pass Criteria (%)
Pass	**9.02 %**	< 15.0 %

Total THC *
28.72 %
287.2 mg/g

Total CBD *
< LOQ
< LOQ



Cannabinoid Potency Analysis	Abrv.	Dry Wt. %	Dry Wt. mg/g
	THCA	32.42 %	324.2 mg/g
	Δ-9-THC	0.28 %	2.8 mg/g
	Δ-8-THC	< LOQ	< LOQ
	THCV	< LOQ	< LOQ
	CBDA	< LOQ	< LOQ
	CBD	< LOQ	< LOQ
	CBGA	0.81 %	8.1 mg/g
	CBG	< LOQ	< LOQ
	CBDVA	< LOQ	< LOQ
	CBDV	< LOQ	< LOQ
	CBN	< LOQ	< LOQ
	CBL	< LOQ	< LOQ
	CBC	< LOQ	< LOQ

Pesticide Analysis	Pesticide Status
Pass	No pesticides were detected above Oregon's action limit as stated in OAR 333-007-0400.

Report: Evaluation Detail

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Water Activity

Product Name: **Strawberry Guava Trimmed Bud**

Analysis Date: 2022-12-28

Testing Batch ID: [redacted]

Testing Method: *LSOP #302, Water Activity*

Evaluation Detail

Water Activity	Tested Value (aw)	Pass Criteria (aw)	LOQ (aw)	Status Pass/Unsatisfactory
	0.48 aw	< 0.65 aw	0.001 aw	**Pass**

Moisture Analysis

Product Name: **Strawberry Guava Trimmed Bud**

Analysis Date: 2022-12-28

Testing Batch ID: [redacted]

Testing Method: *LSOP #301 Moisture Analysis*

Evaluation Detail

Moisture Analysis	Tested Value (Moisture %)	Pass Criteria (%)	LOQ (%)	Status Pass/Unsatisfactory
	9.02 %	< 15.0 %	0.01 %	**Pass**

Cannabinoid Potency Analysis

Product Name: **Strawberry Guava Trimmed Bud**

Analysis Date: 2022-12-29

Testing Batch ID: [redacted]

Testing Method: *LSOP #303 Cannabinoid Quantification*

Note: Accreditation for THCV, CBGA,CBG, CBDVA, CBDV, CBL, CBC, CBN is not offered by ORELAP and therefore are not accredited tests.

Evaluation Detail

Cannabinoid Potency Analysis	Compound	Abrv.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Total THC *	Tetrahydro-cannabinolic acid	THCA	32.42 %	324.2	0.15
28.72 %	Delta9 Tetrahydro-cannabinol	Δ-9-THC	0.28 %	2.8	0.15
287.2 mg/g	Delta8 Tetrahydro-cannabinol	Δ-8-THC	< LOQ	< LOQ	0.15
	Tetrahydrocannabivarin	THCV	< LOQ	< LOQ	0.15
Total CBD *	Cannabidiolic acid	CBDA	< LOQ	< LOQ	0.15
< LOQ	Cannabidiol	CBD	< LOQ	< LOQ	0.15
< LOQ	Cannabigerolic acid	CBGA	0.81 %	8.1	0.15
	Cannabigerol	CBG	< LOQ	< LOQ	0.15
	Cannabidivarinic acid	CBDVA	< LOQ	< LOQ	0.15
	Cannabidivarin	CBDV	< LOQ	< LOQ	0.15
	Cannabinol	CBN	< LOQ	< LOQ	0.15
	Cannabicyclol	CBL	< LOQ	< LOQ	0.15
	Cannabichromene	CBC	< LOQ	< LOQ	0.15

* moisture compensated & adjusted for the loss of carboxylic acid group - OAR 333-064-0100

Report: Evaluation Detail

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Pesticide Analysis

Product Name: **Strawberry Guava Trimmed Bud**

Analysis Date: 2022-12-28

Testing Batch ID: [redacted]

Testing Method: *LSOP #307 Pesticides by LCMS/MS*

Evaluation Detail

Pesticide Name	Tested Value (ppm)	Pass Criteria (ppm)	LOQ (ppm)	Status Pass/Unsatisfactory
Abamectin	**< LOQ**	0.50	0.10	**Pass**
Acephate	**< LOQ**	0.40	0.02	**Pass**
Acequinocyl	**< LOQ**	2.00	0.10	**Pass**
Acetamiprid	**< LOQ**	0.20	0.02	**Pass**
Aldicarb	**< LOQ**	0.40	0.02	**Pass**
Azoxystrobin	**< LOQ**	0.20	0.02	**Pass**
Bifenazate	**< LOQ**	0.20	0.02	**Pass**
Bifenthrin	**< LOQ**	0.20	0.10	**Pass**
Boscalid	**< LOQ**	0.40	0.02	**Pass**
Carbaryl	**< LOQ**	0.20	0.02	**Pass**
Carbofuran	**< LOQ**	0.20	0.10	**Pass**
Chlorantraniliprole	**< LOQ**	0.20	0.02	**Pass**
Chlorfenapyr	**< LOQ**	1.00	0.50	**Pass**
Chlorpyrifos	**< LOQ**	0.20	0.02	**Pass**
Clofentezine	**< LOQ**	0.20	0.10	**Pass**
Cyfluthrin	**< LOQ**	1.00	0.50	**Pass**
Cypermethrin	**< LOQ**	1.00	0.50	**Pass**
Daminozide	**< LOQ**	1.00	0.10	**Pass**
Diazinon	**< LOQ**	0.20	0.02	**Pass**
Dichlorvos	**< LOQ**	1.00	0.10	**Pass**
Dimethoate	**< LOQ**	0.20	0.02	**Pass**
Ethoprophos	**< LOQ**	0.20	0.02	**Pass**
Etofenprox	**< LOQ**	0.40	0.10	**Pass**
Etoxazole	**< LOQ**	0.20	0.02	**Pass**
Fenoxycarb	**< LOQ**	0.20	0.02	**Pass**
Fenpyroximate	**< LOQ**	0.40	0.10	**Pass**
Fipronil	**< LOQ**	0.40	0.02	**Pass**
Flonicamid	**< LOQ**	1.00	0.02	**Pass**
Fludioxonil	**< LOQ**	0.40	0.10	**Pass**
Hexythiazox	**< LOQ**	1.00	0.02	**Pass**
Imazalil	**< LOQ**	0.20	0.02	**Pass**
Imidacloprid	**< LOQ**	0.40	0.02	**Pass**
Kresoxim-methyl	**< LOQ**	0.40	0.10	**Pass**

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Report: Evaluation Detail

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Pesticide Analysis

Evaluation Detail

Pesticide Name	Tested Value (ppm)	Pass Criteria (ppm)	LOQ (ppm)	Status Pass/Unsatisfactory
Malathion	**< LOQ**	0.20	0.02	**Pass**
Metalaxyl	**< LOQ**	0.20	0.02	**Pass**
Methiocarb	**< LOQ**	0.20	0.02	**Pass**
Methomyl	**< LOQ**	0.40	0.02	**Pass**
Methyl-Parathion	**< LOQ**	0.20	0.10	**Pass**
MGK-264 Total	**< LOQ**	0.20	0.10	**Pass**
Myclobutanil	**< LOQ**	0.20	0.10	**Pass**
Naled	**< LOQ**	0.50	0.02	**Pass**
Oxamyl	**< LOQ**	1.00	0.02	**Pass**
Paclobutrazol	**< LOQ**	0.40	0.02	**Pass**
Permethrins	**< LOQ**	0.20	0.10	**Pass**
Phosmet	**< LOQ**	0.20	0.02	**Pass**
Piperonyl butoxide	**< LOQ**	2.00	0.02	**Pass**
Prallethrin	**< LOQ**	0.20	0.10	**Pass**
Propiconazole	**< LOQ**	0.40	0.10	**Pass**
Propoxur	**< LOQ**	0.20	0.02	**Pass**
Pyrethrins	**< LOQ**	1.00	0.20	**Pass**
Pyridaben	**< LOQ**	0.20	0.02	**Pass**
Spinosad	**< LOQ**	0.20	0.10	**Pass**
Spiromesifen	**< LOQ**	0.20	0.10	**Pass**
Spirotetramat	**< LOQ**	0.20	0.02	**Pass**
Spiroxamine	**< LOQ**	0.40	0.10	**Pass**
Tebuconazole	**< LOQ**	0.40	0.02	**Pass**
Thiacloprid	**< LOQ**	0.20	0.02	**Pass**
Thiamethoxam	**< LOQ**	0.20	0.02	**Pass**
Trifloxystrobin	**< LOQ**	0.20	0.02	**Pass**

Report: Quality Check

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Water Activity

Analysis Date: 2022-12-28

Testing Batch ID: [redacted]

Quality Control Detail

Water Activity Analysis	MB	LCS	Expected Value (aw)	Tested Value (aw)	Pass Criteria
	○		1.0000	1.0031	aw ± 0.010
		●	0.5289	0.5204	aw ± 0.010

Moisture Analysis

Analysis Date: 2022-12-28

Testing Batch ID: [redacted]

Quality Control Detail

Moisture Analysis	MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria
	○		0.0%	0.2%	± 2.5%
		●	100.0%	100.7%	± 2.5%

Cannabinoid Potency Analysis

Analysis Date: 2022-12-29

Testing Batch ID: [redacted]

Note: Accreditation for THCV, CBGA,CBG, CBDVA, CBDV, CBL, CBC, CBN is not offered by ORELAP and therefore are not accredited tests.

Quality Control Detail

Cannabinoid Potency Analysis	MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria
Tetrahydro-cannabinolic acid	○		< 0.1%	< 0.1%	< 0.1%
Delta9 Tetrahydro-cannabinol	○		< 0.1%	< 0.1%	< 0.1%
Delta8 Tetrahydro-cannabinol	○		< 0.1%	< 0.1%	< 0.1%
Cannabidiolic acid	○		< 0.1%	< 0.1%	< 0.1%
Cannabidiol	○		< 0.1%	< 0.1%	< 0.1%
Tetrahydro-cannabinolic acid		●	100.0%	90.3%	± 10%
Delta9 Tetrahydro-cannabinol		●	100.0%	92.6%	± 10%
Delta8 Tetrahydro-cannabinol		●	100.0%	93.0%	± 10%
Cannabidiolic acid		●	100.0%	90.2%	± 10%
Cannabidiol		●	100.0%	92.9%	± 10%

Report: Quality Check

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Pesticide Analysis

Analysis Date: 2022-12-28

Testing Batch ID: [redacted]

Quality Control Detail

Pesticide Name	MB	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Abamectin	○	< 0.1	< 0.1	< 0.1
Acephate	○	< 0.02	< 0.02	< 0.02
Acequinocyl	○	< 0.1	< 0.1	< 0.1
Acetamiprid	○	< 0.02	< 0.02	< 0.02
Aldicarb	○	< 0.02	< 0.02	< 0.02
Azoxystrobin	○	< 0.02	< 0.02	< 0.02
Bifenazate	○	< 0.02	< 0.02	< 0.02
Bifenthrin	○	< 0.1	< 0.1	< 0.1
Boscalid	○	< 0.02	< 0.02	< 0.02
Carbaryl	○	< 0.02	< 0.02	< 0.02
Carbofuran	○	< 0.1	< 0.1	< 0.1
Chlorantraniliprole	○	< 0.02	< 0.02	< 0.02
Chlorfenapyr	○	< 0.5	< 0.5	< 0.5
Chlorpyrifos	○	< 0.02	< 0.02	< 0.02
Clofentezine	○	< 0.1	< 0.1	< 0.1
Cyfluthrin	○	< 0.5	< 0.5	< 0.5
Cypermethrin	○	< 0.5	< 0.5	< 0.5
Daminozide	○	< 0.1	< 0.1	< 0.1
Diazinon	○	< 0.02	< 0.02	< 0.02
Dichlorvos	○	< 0.1	< 0.1	< 0.1
Dimethoate	○	< 0.02	< 0.02	< 0.02
Ethoprophos	○	< 0.02	< 0.02	< 0.02
Etofenprox	○	< 0.1	< 0.1	< 0.1
Etoxazole	○	< 0.02	< 0.02	< 0.02
Fenoxycarb	○	< 0.02	< 0.02	< 0.02
Fenpyroximate	○	< 0.1	< 0.1	< 0.1
Fipronil	○	< 0.02	< 0.02	< 0.02
Flonicamid	○	< 0.02	< 0.02	< 0.02
Fludioxonil	○	< 0.1	< 0.1	< 0.1
Hexythiazox	○	< 0.02	< 0.02	< 0.02
Imazalil	○	< 0.02	< 0.02	< 0.02
Imidacloprid	○	< 0.02	< 0.02	< 0.02
Kresoxim-methyl	○	< 0.1	< 0.1	< 0.1

Continued on next page…

Report: Quality Check

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Pesticide Analysis

Quality Control Detail

Pesticide Name	MB	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Malathion	o	< 0.02	< 0.02	< 0.02
Metalaxyl	o	< 0.02	< 0.02	< 0.02
Methiocarb	o	< 0.02	< 0.02	< 0.02
Methomyl	o	< 0.02	< 0.02	< 0.02
Methyl-Parathion	o	< 0.1	< 0.1	< 0.1
MGK-264 I	o	< 0.1	< 0.1	< 0.1
MGK-264 II	o	< 0.1	< 0.1	< 0.1
Myclobutanil	o	< 0.1	< 0.1	< 0.1
Naled	o	< 0.02	< 0.02	< 0.02
Oxamyl	o	< 0.02	< 0.02	< 0.02
Paclobutrazol	o	< 0.02	< 0.02	< 0.02
Permethrin - trans	o	< 0.1	< 0.1	< 0.1
Permethrin - cis	o	< 0.1	< 0.1	< 0.1
Phosmet	o	< 0.02	< 0.02	< 0.02
Piperonyl butoxide	o	< 0.02	< 0.02	< 0.02
Prallethrin	o	< 0.1	< 0.1	< 0.1
Propiconazole	o	< 0.1	< 0.1	< 0.1
Propoxur	o	< 0.02	< 0.02	< 0.02
Pyrethrin - Cinerin	o	< 0.2	< 0.2	< 0.2
Pyrethrin - Jasmolin	o	< 0.2	< 0.2	< 0.2
Pyrethrin - Pyrethrins	o	< 0.5	< 0.5	< 0.5
Pyridaben	o	< 0.02	< 0.02	< 0.02
Spinosyn A	o	< 0.1	< 0.1	< 0.1
Spinosyn D	o	< 0.1	< 0.1	< 0.1
Spiromesifen	o	< 0.1	< 0.1	< 0.1
Spirotetramat	o	< 0.02	< 0.02	< 0.02
Spiroxamine	o	< 0.1	< 0.1	< 0.1
Tebuconazole	o	< 0.02	< 0.02	< 0.02
Thiacloprid	o	< 0.02	< 0.02	< 0.02
Thiamethoxam	o	< 0.02	< 0.02	< 0.02
Trifloxystrobin	o	< 0.02	< 0.02	< 0.02

Continued on next page…

Report: Quality Check

OLCC License No. 10087092BDA | ORELAP ID. 4147
545 SW 2nd Street. Corvallis OR. 97333 | 541.257.5002 | services@preelab.com | Preelab.com

PREE LABORATORIES

For OLCC/OHA Compliance Purposes.

Pesticide Analysis

Quality Control Detail

Pesticide Name	LCS	Expected Recovery (%)	Actual Recovery (%)	Pass Criteria (%)
Abamectin	●	100.00	103.23	50 - 150
Acephate	●	100.00	97.94	60 - 120
Acequinocyl	●	100.00	87.51	40 - 160
Acetamiprid	●	100.00	99.49	60 - 120
Aldicarb	●	100.00	109.02	60 - 120
Azoxystrobin	●	100.00	108.29	60 - 120
Bifenazate	●	100.00	113.20	60 - 120
Bifenthrin	●	100.00	113.43	50 - 150
Boscalid	●	100.00	103.53	60 - 120
Carbaryl	●	100.00	99.14	60 - 120
Carbofuran	●	100.00	102.48	60 - 120
Chlorantraniliprole	●	100.00	111.35	60 - 120
Chlorfenapyr	●	100.00	109.49	60 - 120
Chlorpyrifos	●	100.00	96.94	60 - 120
Clofentezine	●	100.00	100.75	60 - 120
Cyfluthrin	●	100.00	92.63	50 - 150
Cypermethrin	●	100.00	90.87	50 - 150
Daminozide	●	100.00	84.99	60 - 120
Diazinon	●	100.00	100.69	60 - 120
Dichlorvos	●	100.00	75.58	60 - 120
Dimethoate	●	100.00	97.50	60 - 120
Ethoprophos	●	100.00	96.53	60 - 120
Etofenprox	●	100.00	87.66	50 - 150
Etoxazole	●	100.00	107.13	60 - 120
Fenoxycarb	●	100.00	100.22	60 - 120
Fenpyroximate	●	100.00	110.52	60 - 120
Fipronil	●	100.00	87.38	60 - 120
Flonicamid	●	100.00	103.94	60 - 120
Fludioxonil	●	100.00	101.90	50 - 150
Hexythiazox	●	100.00	94.79	60 - 120
Imazalil	●	100.00	103.26	60 - 120
Imidacloprid	●	100.00	97.27	60 - 120
Kresoxim-methyl	●	100.00	98.37	60 - 120

Continued on next page…

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Pesticide Analysis

Quality Control Detail

Pesticide Name	LCS	Expected Recovery (%)	Actual Recovery (%)	Pass Criteria (%)
Malathion	●	100.00	96.05	60 - 120
Metalaxyl	●	100.00	106.58	60 - 120
Methiocarb	●	100.00	98.48	60 - 120
Methomyl	●	100.00	98.84	60 - 120
Methyl-Parathion	●	100.00	108.56	50 - 150
MGK-264 I	●	100.00	96.58	50 - 150
MGK-264 II	●	100.00	105.45	50 - 150
Myclobutanil	●	100.00	108.51	60 - 120
Naled	●	100.00	98.10	50 - 150
Oxamyl	●	100.00	102.84	60 - 120
Paclobutrazol	●	100.00	109.02	60 - 120
Permethrin - trans	●	100.00	83.88	50 - 150
Permethrin - cis	●	100.00	81.96	50 - 150
Phosmet	●	100.00	99.36	50 - 150
Piperonyl butoxide	●	100.00	97.87	60 - 120
Prallethrin	●	100.00	91.25	60 - 120
Propiconazole	●	100.00	108.00	60 - 120
Propoxur	●	100.00	102.96	60 - 120
Pyrethrin - Cinerin	●	100.00	92.34	60 - 120
Pyrethrin - Jasmolin	●	100.00	73.35	60 - 120
Pyrethrin - Pyrethrins	●	100.00	99.63	60 - 120
Pyridaben	●	100.00	98.80	50 - 150
Spinosyn A	●	100.00	105.44	50 - 150
Spinosyn D	●	100.00	98.57	50 - 150
Spiromesifen	●	100.00	82.23	60 - 120
Spirotetramat	●	100.00	104.94	60 - 120
Spiroxamine	●	100.00	101.09	60 - 120
Tebuconazole	●	100.00	105.66	60 - 120
Thiacloprid	●	100.00	96.68	60 - 120
Thiamethoxam	●	100.00	96.94	60 - 120
Trifloxystrobin	●	100.00	96.82	60 - 120

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For OLCC/OHA Compliance Purposes.

Definitions

- Limit of Quantitation (LOQ) : The minimum level, concentration, or quantity of a target analyte that can be reported with a specific degree of confidence.
- Method Blank (MB) : A quality control sample that is free of the analyte being measured.
- Laboratory Control Sample (LCS) : A quality control sample with a known amount of the analyte used to demonstrate accuracy.
- Field Duplicate : A second sample collected in the field using the same sampling method as the primary sample.
- Action Limit : Analyte levels set by the state of Oregon (OAR 333-007) indicating that follow-up action is necessary.
- ppm : parts per million, equivalent to 1 µg/g and 1 µg/L or 0.001 mg/g and 0.001 mg/L
- COA : Certificate of Analysis.
- Report Flag (A) : Compound tested over 100% or 1000 mg/g. The test result is within the method uncertainty and instrument result is not above the upper limit of quantitation. Value will be adjusted down to 100% or 1000 mg/mg in the reporting process.
- Report Flag (B) : Blank contamination - The analyte was detected above one-half the reporting limit in an associated blank.
- Report Flag (E) : Compound tested above the upper limit of quantitation.
- Report Flag (Q) : One or more quality control criteria (for example, LCS recovery, surrogate spike recovery) failed.

Calculations

- Cannabinoid Potency :

  Wet WT% = (Exported concentration ppm) x (Dilution) x (Extraction Vol./Wet wt mg) x 100

  Total THC% = (%THCA) x 0.877 + (%THC)

  Total CBD% = (%CBDA) x 0.877 + (%CBD)

  Total THC (Dry WT)% = % total THC(wet) / [1-(% moisture/100)]

  Total CBD (Dry WT)% = % total CBD(wet) / [1-(% moisture/100)]

- Percentage Recovery : % Rec. = [(Amount measured) / (Known amount)] * 100

Disclaimers

- Disposal : All marijuana and hemp products received by PREE will be disposed of following the OLCC's rules for Marijuana Waste Management, regardless of product type, unless PREE is given specific disposal instructions for a product based on test results from state regulatory agencies.

Report: COA Evaluation Summary

OLCC License No. 10087092BDA | ORELAP ID. 4147
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PREE LABORATORIES

For OLCC/OHA Compliance Purposes.

Product Description

Client: [redacted]

Product Name: **Strawberry Guava Trimmed Bud**

Harvest Lot: 11/9/2022
Harvest Date: 11/9/2022
Matrix: Cannabinoid Plant
Metrc Source ID: [redacted]
Metrc Package ID: [redacted]
License Number: [redacted]
Date Collected: 2022-12-22
Date Received: 2022-12-27
Report Date: 2022-12-28
Report ID: [redacted]
Tests Requested: Mycotoxin Analysis

Evaluation Summary

Mycotoxin Analysis	Mycotoxin Status
Pass	No mycotoxins were detected above Oregon's action limit as stated in OAR 333-007.

Report: Evaluation Detail

OLCC License No. 10087092BDA | ORELAP ID. 4147
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PREE LABORATORIES

For OLCC/OHA Compliance Purposes.

Mycotoxin Analysis

Product Name: **Strawberry Guava Trimmed Bud**

Analysis Date: 2022-12-28

Testing Batch ID: [redacted]

Testing Method: *LSOP #308 Mycotoxin by LCMS/MS*

Evaluation Detail

Mycotoxin Name	Tested Value (ppb)	Pass Criteria (ppb)	LOQ (ppb)	Status Pass/Unsatisfactory
Aflatoxin (Total)	**< LOQ**	20.00	10.00	**Pass**
Aflatoxin B1	**< LOQ**	20.00	10.00	**Pass**
Aflatoxin B	**< LOQ**	20.00	10.00	**Pass**
Aflatoxin G1	**< LOQ**	20.00	10.00	**Pass**
Aflatoxin G	**< LOQ**	20.00	10.00	**Pass**
Ochratoxin A	**< LOQ**	20.00	10.00	**Pass**

Continued on next page…

Report: Quality Check

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PREE LABORATORIES

For OLCC/OHA Compliance Purposes.

Mycotoxin Analysis

Analysis Date: 2022-12-28

Testing Batch ID: [redacted]

Note: PREE's accreditation through ORELAP for Mycotoxin Analysis is pending and therefore is not an accredited test. Results may only be used for non-compliance reasons.

Quality Control Detail

Mycotoxin Name	MB	LCS	Expected Value	Tested Value	Pass Criteria
Aflatoxin B1	○		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin B2	○		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin G1	○		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin G2	○		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Ochratoxin A	○		< 10.0 ppb	< 10 ppb	< 10.0 ppb
Aflatoxin B1		●	100.0%	107.1%	60% - 120%
Aflatoxin B2		●	100.0%	106.5%	60% - 120%
Aflatoxin G1		●	100.0%	107.0%	60% - 120%
Aflatoxin G2		●	100.0%	107.8%	60% - 120%
Ochratoxin A		●	100.0%	100.9%	60% - 120%

OLCC License No. 10087092BDA | ORELAP ID. 4147

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Definitions

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- Report Flag (Q) : One or more quality control criteria (for example, LCS recovery, surrogate spike recovery) failed.

Calculations

- Cannabinoid Potency :

  Wet WT% = (Exported concentration ppm) x (Dilution) x (Extraction Vol./Wet wt mg) x 100

  Total THC% = (%THCA) x 0.877 + (%THC)

  Total CBD% = (%CBDA) x 0.877 + (%CBD)

  Total THC (Dry WT)% = % total THC(wet) / [1-(% moisture/100)]

  Total CBD (Dry WT)% = % total CBD(wet) / [1-(% moisture/100)]

- Percentage Recovery : % Rec. = [(Amount measured) / (Known amount)] * 100

Disclaimers

- Disposal : All marijuana and hemp products received by PREE will be disposed of following the OLCC's rules for Marijuana Waste Management, regardless of product type, unless PREE is given specific disposal instructions for a product based on test results from state regulatory agencies.

New Bloom Labs

Certificate of Analysis

Sample: 10-05-2023-39595

Sample Received:10/05/2023;

Report Created: 10/23/2023; Expires: 10/05/2024

Super Silver Haze

Plant , Flower - Uncured

20.968 %	0.221 %
Total THC	Δ-9 THC
24.186 %	**<LOQ %**
Total Cannabinoids	Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 10/05/2023

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0559	0.0838	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0559	0.0838	**0.221**	**2.212**
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0559	0.0838	**23.657**	**236.570**
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0559	0.0838	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0559	0.0838	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0223	0.0838	<LOQ	<LOQ
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0559	0.0838	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0559	0.0838	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0559	0.0838	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0559	0.0838	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0559	0.0838	ND	ND
Cannabidivarin (CBDV)	0.0559	0.0838	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0559	0.0838	ND	ND
Cannabidiol (CBD)	0.0559	0.0838	ND	ND
Cannabidiolic Acid (CBDA)	0.0559	0.0838	<LOQ	<LOQ
Cannabigerol (CBG)	0.0223	0.0838	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0559	0.0838	**0.307**	**3.073**
Cannabinol (CBN)	0.0559	0.0838	ND	ND
Cannabinolic Acid (CBNA)	0.0559	0.0838	ND	ND
Cannabichromene (CBC)	0.0559	0.0838	ND	ND
Cannabichromenic Acid (CBCA)	0.0223	0.0838	<LOQ	<LOQ
Total			**24.186**	**241.855**

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: ± 0.050%
Total CBD Measurement of Uncertainty: ± 2.000%
THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers

Amended report issued to reflect change in sample identification.

New Bloom Labs
6121 Heritage Park Drive, A500
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

New Bloom Labs

Certificate of Analysis

Sample: 10-16-2023-40194

Sample Received:10/16/2023;

Report Created: 10/19/2023; Expires: 10/16/2024

Permanent Marker THCA

Plant , Flower - Cured

23.042 % Total THC	0.297% Δ-9 THC
27.802 % Total Cannabinoids	0.069 % Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 10/16/2023

Analyte	LOD %	LOQ %	Mass %	Mass mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0478	0.0718	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0478	0.0718	0.297	2.971
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0478	0.0718	25.821	258.211
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0478	0.0718	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0478	0.0718	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0478	0.0718	0.677	6.766
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0478	0.0718	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0478	0.0718	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0478	0.0718	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0478	0.0718	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0478	0.0718	ND	ND
Cannabidivarin (CBDV)	0.0478	0.0718	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0478	0.0718	ND	ND
Cannabidiol (CBD)	0.0478	0.0718	ND	ND
Cannabidiolic Acid (CBDA)	0.0478	0.0718	0.079	0.785
Cannabigerol (CBG)	0.0402	0.0718	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.0478	0.0718	0.521	5.206
Cannabinol (CBN)	0.0478	0.0718	ND	ND
Cannabinolic Acid (CBNA)	0.0478	0.0718	<LOQ	<LOQ
Cannabichromene (CBC)	0.0478	0.0718	ND	ND
Cannabichromenic Acid (CBCA)	0.0478	0.0718	0.308	3.081
Total			27.802	278.020

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: ± 0.050%
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
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Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

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reLIMS
info@relims.com

PINNACLE ANALYTICS

Potency Results

Sample Name: *Purple Hindu Kush*
Client:
Client Batch ID:

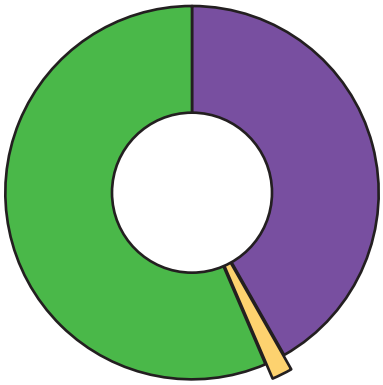
Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-C-109-D218
Matrix: Flower
Prep Analyst: Megan E.
Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 3-22-2023 H4 101, 109, 182, 205, 276, 302 Flower

Date Sampled: 3/21/2023
Date Reported: 3/23/2023
Client License:

For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	7.49%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	11.6%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	6.1	61.0
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.259	2.59
d8-THC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	8.24	82.4
Total Cannabinoids	14.6	146.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

- CBGA
- d9-THC*
- THCA*

NELAP ACCREDITED TNI LABORATORY

Report generated by Routine_Potency_Rev10_7-17-2022

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Megan E.

Analysis Batch: *3-22-2023 H4 101, 109, 182, 205, 276, 302 Flower*

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

	Duplicate RPD H-0-D215-b	Limit	LCS % Recovery C-FL-032223	Limits	Method Blank C-FB-032223	Limit
CBDA	<LOQ%	30%	100.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	104.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	16.2%	30%	93.7%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	101.0%	90-110%	<LOQ/2	LOQ/2
THCA	3.89%	10%	98.6%	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.

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Potency Results

Sample Name: *Quarantine Kush*
Client:
Client Batch ID:

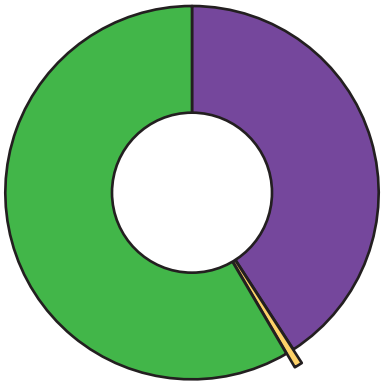
Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-C-109-D216
Matrix: Flower
Prep Analyst: Megan E.
Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 3-22-2023 H4 101, 109, 182, 205, 276, 302 Flower

Date Sampled: 3/21/2023
Date Reported: 3/23/2023
Client License:

For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	10.0%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	12.2%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	7.9	79.0
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.135	1.35
d8-THC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	11.3	113.0
Total Cannabinoids	19.3	193.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

- CBGA
- d9-THC*
- THCA*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Megan E.

Analysis Batch: *3-22-2023 H4 101, 109, 182, 205, 276, 302 Flower*

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

	Duplicate RPD H-0-D215-b	Limit	LCS % Recovery C-FL-032223	Limits	Method Blank C-FB-032223	Limit
CBDA	<LOQ%	30%	100.0%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	104.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	16.2%	30%	93.7%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	101.0%	90-110%	<LOQ/2	LOQ/2
THCA	3.89%	10%	98.6%	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.

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Potency Results

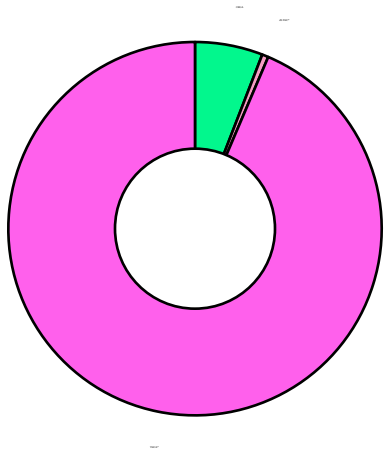
Sample Name: *Sunset Octane*
Client:
Client Batch ID:

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

Sample ID: rC-C-22-C921-b
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+5 H4 4-21-2022 #3.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 11-17-2022 H4 22, 109, 161, 205 Flower

Date Sampled: 11/16/2022
Date Reported: 1/10/2023
Client License: N/A
Ashland
OR
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	19.4%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	11.3%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.38	13.8
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.129	1.29
d8-THC	<LOQ	<LOQ
9S-HHC	<LOQ	<LOQ
9R-HHC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	22.0	220.0
d8-THCO	<LOQ	<LOQ
d9-THCO	<LOQ	<LOQ
Total Cannabinoids	23.5	235.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
d9-THC*
THCA*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Potency Results

Sample Name: *Trainwreck*
Client:
Client Batch ID:

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

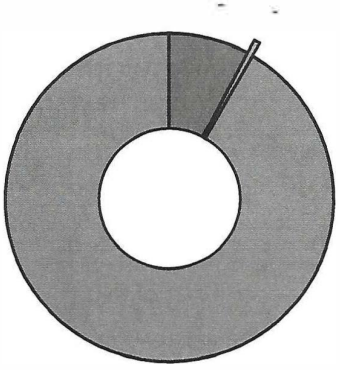
Sample ID:
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+1 H4 4-21-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 12-7-2023 H4 205, 276, 390, 412 Flower

Date Sampled: 2/4/2024
Date Reported: 2/7/2024
Client License: N/A
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	18.4%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	82.3%

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.79	17.9
CBG	0.139	1.39
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	<LOQ	<LOQ
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	21.0	210.0
Total Cannabinoids	22.93	229.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured



- CBGA
- CBG
- THCA*

NELAP ACCREDITED TNI LABORATORY

Kris Ford, PhD
Lab Director

PINNACLE
ANALYTICS

Quality Control Results

Analyst: Jeff A.

Analysis Batch: *12-7-2023 H4 205, 276, 390, 412 Flower*

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

	Duplicate RPD H-0-D2106-b	Limit	LCS % Recovery C-FL-120723	Limits	Method Blank C-FB-120723	Limit
CBDA	1.59%	10%	97.9%	90-110%	<LOQ/2	LOQ/2
CBD	2.37%	10%	102.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	2.24%	30%	102.0%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	103.0%	90-110%	<LOQ/2	LOQ/2
THCA	<LOQ%	30%	92.9%	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.

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Potency Results

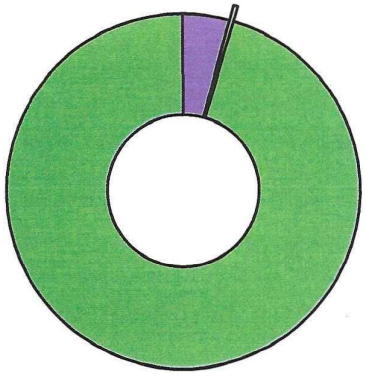
Sample Name: *Tropicanna*
Client:
Client Batch ID:

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

Sample ID: rC-H-205-D1001
Matrix: Flower
Prep Analyst: Megan E.
Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 8-7-2023 H3 14, 22, 185, 205, 302, 370 Flower

Date Sampled: 8/7/2023
Date Reported: 8/8/2023
Client License: N/A
205 Surrey Dr.
Jacksonville
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	22.6%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	40.7%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	1.14	11.4
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.109	1.09
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	25.6	256.0
Total Cannabinoids	26.8	268.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

- CBGA
- d9-THC*
- THCA*

NELAP ACCREDITED TNI LABORATORY

Kris Ford, PhD
Lab Director

PINNACLE
ANALYTICS

Quality Control Results

Analyst: Megan E.

Analysis Batch: *8-7-2023 H3 14, 22, 185, 205, 302, 370 Flower*

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

	Duplicate RPD H-0-D992-b	Limit	LCS % Recovery C-FL-080723	Limits	Method Blank C-FB-080723	Limit
CBDA	3.93%	10%	103.0%	90-110%	<LOQ/2	LOQ/2
CBD	3.83%	10%	104.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	4.13%	10%	96.6%	90-110%	<LOQ/2	LOQ/2
d8-THC	14.6%	10%	97.6%	90-110%	<LOQ/2	LOQ/2
THCA	12.7%	30%	94.3%	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: Matrix duplicate had marginal RPD exceedence due to sample inhomogeneity. All other QC's passed. Results considered valid

Kris Ford, PhD
Lab Director

PINNACLE
ANALYTICS

Potency Results

Sample Name: *Trump Runtz*
Client:
Client Batch ID:

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

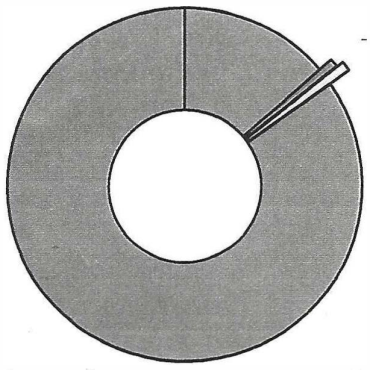
Sample ID: rC-H-185-D2412
Matrix: Flower
Prep Analyst: Jeff A.
Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 1-5-2024 H3 0, 185, 430 Flower

Date Sampled: 1/4/2024
Date Reported: 1/5/2024
Client License: AG-*Redacted*
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	22.6%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	13.8%

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	4.13	41.3
CBG	0.209	2.09
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.273	2.73
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	25.5	255.0
Total Cannabinoids	30.11	301.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured



CBGA
CBG
d9-THC*
THCA*

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Jeff A.

Analysis Batch: *11-17-2022 H4 22, 109, 161, 205 Flower*

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

	Duplicate RPD H-0-C936-b	Limit	LCS % Recovery C-FL-111722	Limits	Method Blank C-FB-111722	Limit
CBDA	0.247%	10%	100.0%	90-110%	<LOQ/2	LOQ/2
CBD	1.14%	30%	101.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	<LOQ%	30%	91.7%	90-110%	<LOQ/2	LOQ/2
THCA	1.01%	10%	98.9%	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.

Kris Ford, PhD
Lab Director

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:

FH-154

White Zerbert

Batch ID or Lot Number:	Test:	Reported:	USDA License:
10	**Dry Weight Potency**	**26Jan2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant		26Jan2024	NA
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	25Jan2024	NA

Cannabinoids

	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)
Cannabichromene (CBC)	0.019	0.064	ND	ND
Cannabichromenic Acid (CBCA)	0.017	0.058	0.309	0.285 - 0.333
Cannabidiol (CBD)	0.059	0.187	ND	ND
Cannabidiolic Acid (CBDA)	0.061	0.192	ND	ND
Cannabidivarin (CBDV)	0.014	0.044	ND	ND
Cannabidivarinic Acid (CBDVA)	0.025	0.080	ND	ND
Cannabigerol (CBG)	0.011	0.036	0.148	0.137 - 0.159
Cannabigerolic Acid (CBGA)	0.044	0.151	0.503	0.464 - 0.542
Cannabinol (CBN)	0.014	0.047	ND	ND
Cannabinolic Acid (CBNA)	0.030	0.103	ND	ND
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.053	0.180	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.048	0.164	ND	ND
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.043	0.145	23.750	21.914 - 25.586
Tetrahydrocannabivarin (THCV)	0.010	0.033	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.038	0.128	ND	ND
Total Cannabinoids			**24.710**	**22.782 - 26.638**
Total Potential THC			20.829	19.201 - 22.457

Notes

Dried Sample Moisture Content = 80.65%
Measurement Uncertainty = 7.73%
Results generated using a non-validated, non-compliant method.

Final Approval

Samantha Smith
Sam Smith
26Jan2024
02:00:00 PM MST
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
26Jan2024
02:07:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/03546e4b-85f7-46a3-b57a-a4ea44ac70f9

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or – the measurement uncertainty.

ilac-MRA A2LA ACCREDITED

Cert #4329.02
03546e4b85f746a3b57aa4ea44ac70f9.2

New Bloom Labs

Certificate of Analysis

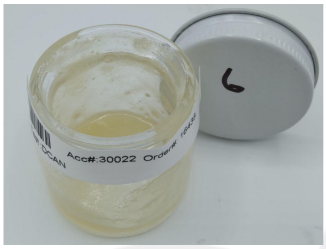
Sample: 02-08-2023-30022

Sample Received:02/08/2023;

Report Created: 02/10/2023; Expires: 02/09/2024

RKD Cookies Live Resin Diamond Sauce 2:1

Concentrate & Extracts



22.269% Total THC	0.244% Δ-9 THC
80.442 % Total Cannabinoids	45.432 % Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)

Date Tested: 02/08/2023

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.1042	0.1562	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.1042	0.1562	**0.244**	**2.438**
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.1042	0.1562	**25.115**	**251.146**
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.1042	0.1562	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.1042	0.1562	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.1042	0.1562	<LOQ	<LOQ
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.1042	0.1562	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.1042	0.1562	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.1042	0.1562	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.1042	0.1562	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.1042	0.1562	ND	ND
Cannabidivarin (CBDV)	0.1042	0.1562	ND	ND
Cannabidivarinic Acid (CBDVA)	0.1042	0.1562	**0.292**	**2.917**
Cannabidiol (CBD)	0.1042	0.1562	**0.694**	**6.938**
Cannabidiolic Acid (CBDA)	0.1042	0.1562	**51.013**	**510.125**
Cannabigerol (CBG)	0.0542	0.1562	<LOQ	<LOQ
Cannabigerolic Acid (CBGA)	0.1042	0.1562	**0.877**	**8.771**
Cannabinol (CBN)	0.1042	0.1562	ND	ND
Cannabinolic Acid (CBNA)	0.0542	0.1562	<LOQ	<LOQ
Cannabichromene (CBC)	0.1042	0.1562	ND	ND
Cannabichromenic Acid (CBCA)	0.1042	0.1562	**2.208**	**22.083**
Total			**80.442**	**804.418**

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

Amended report issued to reflect change in sample identification.

New Bloom Labs
6121 Heritage Park Drive, A500
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868):
ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

Certificate of Analysis

Sample: 02-14-2023-30316

Sample Received:02/14/2023;

Report Created: 02/21/2023; Expires: 02/17/2024

RKD Cookies Live Resin Diamond Sauce 2:1

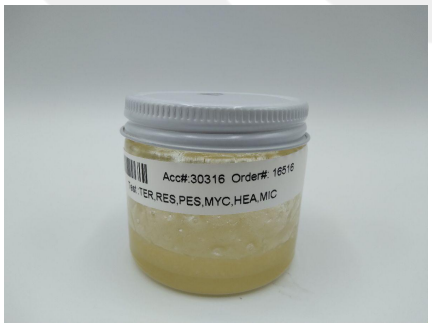
Concentrate & Extracts

Terpenes

(Testing Method:HS-GC/MS, CON-P-4000)

Date Tested: 02/14/2023

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	**6191.755**	**6.192**	
α-Humulene	0.750	3.000	**6931.264**	**6.931**	
α-Pinene	0.750	3.000	**2010.991**	**2.011**	
α-Terpinene	0.750	3.000	**804.291**	**0.804**	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	**18192.955**	**18.193**	
β-Myrcene	0.750	3.000	**44211.091**	**44.211**	
Borneol	0.750	3.000	**284.391**	**0.284**	
Camphene	0.750	3.000	**274.391**	**0.274**	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	3.000	3.000	ND	ND	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	<LOQ	<LOQ	
γ-Terpinene	0.750	3.000	**526.945**	**0.527**	
Limonene	0.750	3.000	**7155.682**	**7.156**	
Linalool	0.750	3.000	**1806.436**	**1.806**	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	**13742.809**	**13.743**	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	**21636.573**	**21.637**	
Total			123769.573	123.770	12.377 %



Primary Aromas

Clove

Herbal

Cinnamon

Earthy

Lime

Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range.

New Bloom Labs
6121 Heritage Park Drive, A500
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868):
ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

Sample: 02-14-2023-30316

Sample Received:02/14/2023;

Report Created: 02/21/2023; Expires: 02/17/2024

RKD Cookies Live Resin Diamond Sauce 2:1

Concentrate & Extracts

Heavy Metals

(Method of Analysis:ICP/MS, CON-P-7000)

Date Tested: 02/15/2023

Analyte	LOQ	Mass
	PPM	PPM
Arsenic	0.0940	<0.0940
Cadmium	0.0940	<0.0940
Lead	0.0940	<0.0940
Mercury	0.0940	<0.0940
Palladium	0.2350	<0.2350
Selenium	0.0940	<0.0940

New Bloom Labs
6121 Heritage Park Drive, A500
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868):
ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

Sample: 02-14-2023-30316

Sample Received:02/14/2023;

Report Created: 02/21/2023; Expires: 02/17/2024

RKD Cookies Live Resin Diamond Sauce 2:1

Concentrate & Extracts

Pesticides

(Testing Method:LC/MS/MS & HPLC-UV , CON-P-5000)

Date Tested: 02/14/2023

Analyte	LOQ	Mass	Analyte	LOQ	Mass
	PPM	PPM		PPM	PPM
Acephate	0.100	<0.100	Imazalil	0.100	<0.100
Acequinocyl	0.100	<0.100	Imidacloprid	0.200	<0.200
Acetamiprid	0.100	<0.100	Kresoxim Methyl	0.100	<0.100
Aldicarb	0.100	<0.100	Malathion	0.100	<0.100
Avermectin B1A	0.100	<0.100	Metalaxyl	0.100	<0.100
Avermectin B1B	0.100	<0.100	Methiocarb	0.100	<0.100
Azoxystrobin	0.100	<0.100	Methomyl	0.100	<0.100
Bifenazate	0.100	<0.100	Mevinphos	0.100	<0.100
Bifenthrin	0.100	<0.100	MGK-264	0.100	<0.100
Boscalid	0.100	<0.100	Myclobutanil	0.100	<0.100
Captan	0.700	<0.700	Naled	0.250	<0.250
Carbaryl	0.100	<0.100	Oxamyl	0.500	<0.500
Carbofuran	0.100	<0.100	Paclobutrazole	0.100	<0.100
Chlorantraniliprole	0.100	<0.100	Parathion Methyl	0.100	<0.100
Chlorfenapyr	0.100	<0.100	Pentachloronitrobenzene	0.150	<0.150
Chlormequat	0.100	<0.100	Permethrins	0.100	<0.100
Chlorpyrifos	0.100	<0.100	Phosmet	0.100	<0.100
Clofentazine	0.100	<0.100	Piperonyl Butoxide	1.000	<1.000
Coumaphos	0.100	<0.100	Prallethrin	0.100	<0.100
Cyfluthrin	0.500	<0.500	Propiconazole	0.100	<0.100
Cypermethrin	0.500	<0.500	Propoxur	0.100	<0.100
Diazinon	0.100	<0.100	Pyrethrins	0.500	<0.500
Dichlorvos (DDPV)	0.050	<0.050	Pyridaben	0.100	<0.100
Dimethoate	0.100	<0.100	Spinetoram	0.100	<0.100
Dimethomorph	0.100	<0.100	Spinosad A	0.050	<0.050
Ethoprophos	0.100	<0.100	Spinosad D	0.050	<0.050
Etofenprox	0.100	<0.100	Spiromesifen	0.100	<0.100
Etoxazole	0.100	<0.100	Spirotetramat	0.100	<0.100
Fenhexamid	0.100	<0.100	Spiroxamine	0.100	<0.100
Fenoxycarb	0.100	<0.100	Tebuconazole	0.100	<0.100
Fenpyroximate	0.100	<0.100	Thiacloprid	0.100	<0.100
Fipronil	0.100	<0.100	Thiamethoxam	0.100	<0.100
Flonicamid	0.100	<0.100	Trifloxystrobin	0.100	<0.100
Fludioxonil	0.100	<0.100	Chlordane	0.100	Not Detected
Hexythiazox	0.100	<0.100	Daminozide	0.100	Not Detected

New Bloom Labs
6121 Heritage Park Drive, A500
Chattanooga, TN 37416
(844) 837-8223
TN DEA#: RN0563975
ANAB Testing Laboratory (AT-2868):
ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

Sample: 02-14-2023-30316

Sample Received:02/14/2023;

Report Created: 02/21/2023; Expires: 02/17/2024

RKD Cookies Live Resin Diamond Sauce 2:1

Concentrate & Extracts

Mycotoxins

(Testing Method:LC/MS/MS, CON-P-5000)

Date Tested: 02/14/2023

Analyte	LOQ	Mass
	PPB	PPB
Aflatoxin B1	5.000	<5.000
Aflatoxin B2	5.000	<5.000
Aflatoxin G1	5.000	<5.000
Aflatoxin G2	5.000	<5.000
Ochratoxin A	20.000	Not Detected

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Natalie Siracusa
Laboratory Director

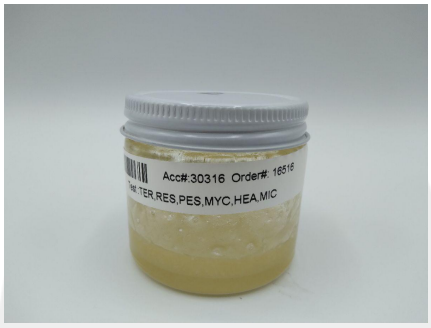
Sample: 02-14-2023-30316

Sample Received:02/14/2023;

Report Created: 02/21/2023; Expires: 02/17/2024

RKD Cookies Live Resin Diamond Sauce 2:1

Concentrate & Extracts



Microbials

(Testing Method:qPCR & 3M Petrifilm & SIM Plate, CON-P-6000, CON-P-9000)

Date Tested: 02/15/2023

Analyte	LOQ	Units
	CFU/g	CFU/g
Total Yeast and Mold Count	8	<8
Total Aerobic Bacteria Count	8	<8
Total Coliform Count	8	<8
Total Enterobacteriaceae/BTGN Count	8	<8
Aspergillus spp.		Not Detected
Shigatoxigenic Escherichia coli (STEC)		Not Detected
Salmonella		Not Detected
Listeria monocytogenes		Not Detected

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Natalie Siracusa
Laboratory Director

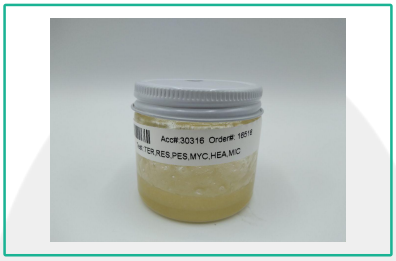
Sample: 02-14-2023-30316

Sample Received:02/14/2023;

Report Created: 02/21/2023; Expires: 02/17/2024

RKD Cookies Live Resin Diamond Sauce 2:1

Concentrate & Extracts



Residual Solvents

(Testing Method:HS-GC/MS, CON-P-8000)

Date Tested: 02/14/2023

Analyte	LOQ	Mass
	PPM	PPM
1, 2 Dichloroethane	2.000	<2.000
1,1 Dichloroethene	2.000	<2.000
1, 2 Dimethoxyethane	20.000	<20.000
1, 4 Dioxane	100.000	<100.000
1,1,1 Trichloroethane	20.000	<20.000
1,1,2 Trichloroethane	20.000	<20.000
1,2,3,4 Tetrahydronaphthalene	20.000	<20.000
2 Ethoxyethanol	20.000	<20.000
2 Hexanone	20.000	<20.000
2 Propanol	500.000	<500.000
Acetone	250.000	<250.000
Acetonitrile	20.000	<20.000
Benzene	1.000	<1.000
Butane	1000.000	<1000.000
Chlorobenzene	100.000	<100.000
Chloroform	2.000	<2.000
cis 1,2 Dichloroethene	100.000	<100.000
Diacetyl	100.000	<100.000
Dichloromethane	100.000	<100.000

Analyte	LOQ	Mass
	PPM	PPM
Ethanol	1000.000	<1000.000
Ethyl Acetate	250.000	<250.000
Ethyl Ether	250.000	<250.000
Ethylbenzene	100.000	<100.000
Ethylene Oxide	5.000	<5.000
Hexane	100.000	<100.000
Isobutanol	1000.000	<1000.000
Methanol	100.000	<100.000
n-Heptane	1000.000	<1000.000
n-Pentane	100.000	**185.007**
n-Propanol	1000.000	<1000.000
Nitromethane	10.000	<10.000
o-Xylene, m-Xylene, p-Xylene	100.000	<100.000
Propane	1000.000	<1000.000
tert-Butanol	1000.000	<1000.000
Tetrahydrofuran	100.000	<100.000
Toluene	100.000	<100.000
trans 1, 2 Dichloroethene	100.000	<100.000
Trichloroethene	20.000	<20.000

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ANAB Testing Laboratory (AT-2868):
ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director

PINNACLE ANALYTICS

Potency Results

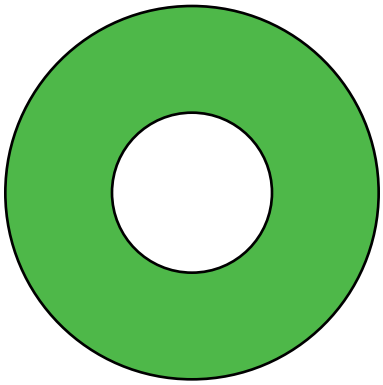
Sample Name: *LM THCA Iso*
Client:
Client Batch ID:

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

Sample ID: rC-CS-18-C1013-c
Matrix: Concentrate
Prep Analyst: Megan E.
Analysis Method: 0630322+5 H4 4-21-2022 #3.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 12-1-2022 H4 0, 18, 111, 241, 319 Solids

Date Sampled: 11/28/2022
Date Reported: 12/1/2022
Client License: N/A
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	87.7%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	N/A



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	<LOQ	<LOQ
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	<LOQ	<LOQ
d8-THC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*^	100.0	1000.0
Total Cannabinoids	100.0	1000.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 1.0%, analyte not measured
^Raw result for THCA* was 107.0%

THCA*^
Other

Kris Ford, PhD
Lab Director

PINNACLE ANALYTICS

Quality Control Results

Analyst: Megan E.

Analysis Batch: *12-1-2022 H4 0, 18, 111, 241, 319 Solids*

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

	Duplicate RPD		LCS % Recovery		Method Blank	
	CS-0-C1026-b	Limit	C-SL-120122	Limits	C-SB-120122	Limit
CBDA	<LOQ%	30%	98.3%	90-110%	<LOQ/2	LOQ/2
CBD	0.594%	30%	100.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	0.65%	10%	98.4%	90-110%	<LOQ/2	LOQ/2
THCA	<LOQ%	30%	96.7%	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.

Kris Ford, PhD
Lab Director

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Sun City Center, FL 33573
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DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

TESTED SAFE CERTIFIED HEMP EXTRACT

THCa Hemp Diamonds
Sample Matrix: CBD/HEMP Derivative Products (Inhalation - Heated)

Certificate of Analysis

Compliance Test

Batch # Lot#:01191
Batch Date: 2022-09-22
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # ARE221019-010001
Order Date: 2022-10-19
Sample # AADP312

Sampling Date: 2022-10-20
Lab Batch Date: 2022-10-20
Completion Date: 2022-10-26

Initial Gross Weight: 61.915 g

Product Image

Potency Tested
Heavy Metals Passed
2 3-Butanedione Passed
Mycotoxins Passed
Pesticides Passed
Residual Solvents Passed
Pathogenic Microbiology Passed
Listeria Monocytogenes Passed
Vitamin E Passed

Potency 10

Tested
SOP13.001 (LCUV)

Specimen Weight: 50.700 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
THCA-A	10.000	3.20E-5	0.0015	999.5820	99.9582
CBGA	10.000	8.00E-5	0.0015	0.1520	0.0152
CBN	10.000	1.40E-5	0.0015	0.0570	0.0057
CBDA	10.000	1.00E-5	0.0015	0.0530	0.0053
CBG	10.000	2.48E-4	0.0015	0.0290	0.0029
THCV	10.000	7.00E-6	0.0015	0.0260	0.0026
CBC	10.000	1.80E-5	0.0015		<LOQ
CBD	10.000	5.40E-5	0.0015		<LOQ
CBDV	10.000	6.50E-5	0.0015		<LOQ
Delta-9 THC	10.000	1.30E-5	0.0015		<LOQ

Potency Summary

Total Active THC 87.663%	Total Active CBD 0.005%
Total CBG 0.016%	Total CBN 0.006%
Other Cannabinoids 0.003%	Total Cannabinoids 87.693%

Merged Potency from retest AADQ486

Mycotoxins

Passed
SOP13.007 (LCMS)

Specimen Weight: 261.200 mg

Dilution Factor: 5.740

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

Pathogenic Microbiology SAE (MicroArray)

Passed
SOP13.019 (Micro Array)

Specimen Weight: 1018.830 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

Xueli Gao, Ph.D., DABT — Lab Toxicologist
Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

PJLA Testing Accreditation #101103
DEA REGISTERED LABORATORY #RA0571996
AHCA

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram , *Measurement of Uncertainty = +/- 10%

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Sun City Center, FL 33573
www.acslabcannabis.com

DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

TESTED SAFE CERTIFIED HEMP EXTRACT

THCa Hemp Diamonds
Sample Matrix: CBD/HEMP Derivative Products (Inhalation - Heated)

Certificate of Analysis

Compliance Test

Batch # Lot#:01191
Batch Date: 2022-09-22
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # ARE221019-010001
Order Date: 2022-10-19
Sample # AADP312

Sampling Date: 2022-10-20
Lab Batch Date: 2022-10-20
Completion Date: 2022-10-26

Initial Gross Weight: 61.915 g

Pesticides FL V4

Passed
SOP13.007 (LCMS/GCMS)

Specimen Weight: 261.200 mg

Dilution Factor: 5.740

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metalaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlormequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Flonicamid	5.1700E-1	30	2000	<LOQ					

2,3-butanedione(Diacetyl)

Passed
SOP13.039 (GCMS)

Specimen Weight: 311.900 mg

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	.024	0.024	<LOQ

Listeria Monocytogenes

Passed
SOP13.032 (qPCR)

Specimen Weight: 979.900 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

Vitamin E (Tocopheryl Acetate)

Passed
SOP13.007 (LC-MS)

Specimen Weight: 261.200 mg

Dilution Factor: 5.740

Analyte	LOD (ppb)	Result (ppb)
Tocophery acetate (vitamin E acetate)	.705	<LOQ

Xueli Gao, Ph.D., DABT — Lab Toxicologist

Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

PJLA Testing Accreditation #101103

DEA REGISTERED LABORATORY #RA0571996

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QA By: 1057 on 2022-11-02 11:56:08 V2

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THCa Hemp Diamonds
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Test Reg State: Florida

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Order Date: 2022-10-19
Sample # AADP312

Sampling Date: 2022-10-20
Lab Batch Date: 2022-10-20
Completion Date: 2022-10-26

Initial Gross Weight: 61.915 g

Residual Solvents - FL (CBD)

Passed
SOP13.039 (GCMS)

Specimen Weight: 311.900 mg

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	290.833
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

Heavy Metals

Passed
SOP13.048 (ICP-MS)

Specimen Weight: 247.680 mg

Dilution Factor: 201

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ

Xueli Gao, Ph.D., DABT — Lab Toxicologist

Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

PJLA Testing Accreditation #101103

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram , *Measurement of Uncertainty = +/- 10%

QA By: 1057 on 2022-11-02 11:56:08 V2

MW Labs
31 W 6th St.
Medford OR 97501
(458) 658-6316
License: 1008606C050

Certificate of Analysis

Sample ID: Zkittlez
Report ID: TR-SK
Farm 121-SL-22

Testing for Information

Report Date: 11/07/2022

Client Name:

License No:

Address:

Date Sampled:	Submitted on 11/1/2022	***Description of the sample, sampling condition. Environmental conditions that may impact interpretation of the test result:***
Sampled by:	Customer	Sample appeared normal. There were no any environmental conditions that may impact interpretation of the test result.
Sample Name:	Skittlez	
Sample Type:	Buds	
Sample Weight:	N/A	

Summary of Test Results

Item	Value
Total THC	< LOQ
Total CBD	10.48%
Delta-8 THC	< LOQ

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable.

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Certificate of Analysis

Testing for Information

Sample ID: Skittlez
Report ID: TR-SK
Report Date: 11/07/2022

Potency Analysis

Testing method: SOP-011
Analyzed date: 11/2/2022
Batch ID: PO110222

Analyte	Result, %	LOQ, %
CBDA	10.53	0.10
CBD	1.25	0.10
CBG	0.40	0.10
CBN	< LOQ	0.10
Delta-9 THC	< LOQ	0.10
Delta-8 THC	< LOQ	0.10
CBC	< LOQ	0.10
THCA	< LOQ	0.10
Total THC: Δ9+0.877×THCA	< LOQ	N/A
Total CBD: CBD+0.877×CBDA	10.48	N/A
Total Cannabinoids:	12.18	N/A

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable.

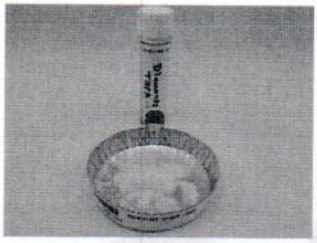
New Bloom Labs

Certificate of Analysis

Farm 154

Sample: 03-21-2023-31463
Sample Received:03/21/2023;
Report Created: 03/24/2023; Expires: 03/21/2024

Diamonds THCA-A
Concentrate & Extracts



86.538 % Total THC	0.194 % Δ-9 THC
99.040 % Total Cannabinoids	ND % Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)
Date Tested: 03/21/2023

Analyte	LOD %	LOQ %	Mass %	Mass mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0980	0.1471	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9THC)	0.0980	0.1471	0.194	1.941
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0980	0.1471	98.454	984.539
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0980	0.1471	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0980	0.1471	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0980	0.1471	0.392	3.922
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0980	0.1471	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0980	0.1471	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0980	0.1471	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0980	0.1471	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.0980	0.1471	ND	ND
Cannabidivarin (CBDV)	0.0980	0.1471	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0980	0.1471	ND	ND
Cannabidiol (CBD)	0.0980	0.1471	ND	ND
Cannabidiolic Acid (CBDA)	0.0980	0.1471	ND	ND
Cannabigerol (CBG)	0.0980	0.1471	ND	ND
Cannabigerolic Acid (CBGA)	0.0980	0.1471	ND	ND
Cannabinol (CBN)	0.0980	0.1471	ND	ND
Cannabinolic Acid (CBNA)	0.0980	0.1471	<LOQ	<LOQ
Cannabichromene (CBC)	0.0980	0.1471	ND	ND
Cannabichromenic Acid (CBCA)	0.0980	0.1471	ND	ND
Total			**99.040**	**990.402**

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

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ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa
Laboratory Director