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## **Certificate of Analysis**

Page: 1 of 1

## Sample: 10-07-2022-25604W1472

Sample Received:10/07/2022; Report Created: 10/11/2022; Expires: 10/11/2023



Grape Ape Plant uncured

	<b>18.767%</b> Total THC	<b>0.234%</b> Δ-9 THC
A 20604 Orderse Tar	23.609 % Total Cannabinoids	<loq %<br="">Total CBD</loq>

## Cannabinoids

(Testing Method:HPLC, CON-P-3000) Date Tested: 10/07/2022

	Analyte	LOD	LOQ	Mass	Mass		
		%	%	%	mg/g		
	Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0474	0.0711	ND	ND		
	Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0474	0.0711	0.234	2.341	1	
	Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0474	0.0711	21.132	211.318	1	14
	Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0474	0.0711	ND	ND		
	Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0474	0.0711	ND	ND		
	Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0474	0.0711	0.098	0.976	1	
	R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0474	0.0711	ND	ND		
	S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0474	0.0711	ND	ND		
	9R-Hexahydrocannabinol (9R-HHC)	0.0474	0.0711	ND	ND		
	9S-Hexahydrocannabinol (9S-HHC)	0.0474	0.0711	ND	ND		
	Tetrahydrocannabinol Acetate (THCO)	0.0474	0.0711	ND	ND		
	Cannabidivarin (CBDV)	0.0474	0.0711	ND	ND		
	Cannabidivarinic Acid (CBDVA)	0.0474	0.0711	ND	ND		
	Cannabidiol (CBD)	0.0474	0.0711	ND	ND		
	Cannabidiolic Acid (CBDA)	0.0474	0.0711	<loq< td=""><td><loq< td=""><td>1</td><td></td></loq<></td></loq<>	<loq< td=""><td>1</td><td></td></loq<>	1	
	Cannabigerol (CBG)	0.0474	0.0711	<loq< td=""><td><loq< td=""><td>L.</td><td></td></loq<></td></loq<>	<loq< td=""><td>L.</td><td></td></loq<>	L.	
	Cannabigerolic Acid (CBGA)	0.0474	0.0711	1.930	19.299		
	Cannabinol (CBN)	0.0474	0.0711	ND	ND		
	Cannabinolic Acid (CBNA)	0.0474	0.0711	ND	ND		
	Cannabichromene (CBC)	0.0474	0.0711	ND	ND		
	Cannabichromenic Acid (CBCA)	0.0474	0.0711	0.215	2.152		
	Total			23.609	236.086		
THC Mea	THCa * 0.877 + Δ9-THC;Total CBD = CBDa * 0.877 + CBD; LOQ = L asurement of Uncertainty: $\pm$ 0.040% asurement of Uncertainty: $\pm$ 2.000% v analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9						
	New Bloom Labs	Carol	0.903	w Bloom Labs			Democrati
	6121 Heritage Park Drive, A500	7/delison		606 Shady Tra			Powered t reLIM
	Chattanooga, TN 37416	Natalie Siracusa		las,TX 75520 4) 837-8223			and the second
	(844) 837-8223						info@relims.co

Complete

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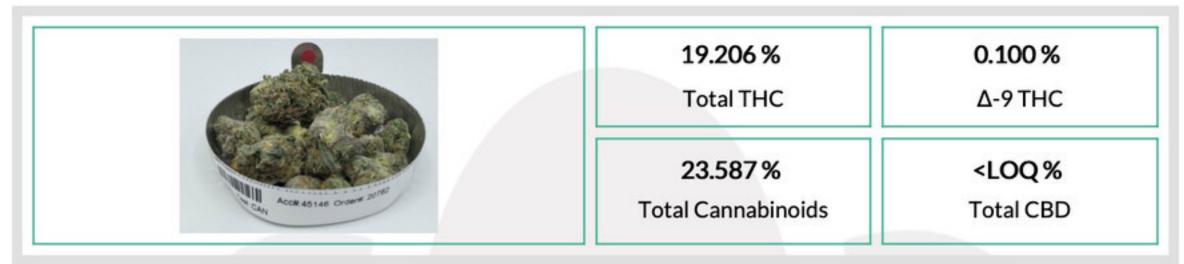
Page: 1 of 1

### Sample: 01-30-2024-45146

Sample Received:01/30/2024; Report Created: 01/31/2024; Expires: 01/30/2025



Chem #4 Plant , Flower - Cured



## Cannabinoids

(Testing Method:HPLC, CON-P-3000) Date Tested: 01/30/2024

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0461	0.0691	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0461	0.0691	0.100	0.995	1
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0461	0.0691	21.786	217.862	
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0461	0.0691	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0461	0.0691	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0461	0.0691	0.440	4.396	1
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0461	0.0691	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0461	0.0691	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0461	0.0691	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0461	0.0691	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0461	0.0691	ND	ND	
Cannabidivarin (CBDV)	0.0461	0.0691	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0461	0.0691	ND	ND	
Cannabidiol (CBD)	0.0461	0.0691	ND	ND	
Cannabidiolic Acid (CBDA)	0.0258	0.0691	<loq< td=""><td><loq< td=""><td>L</td></loq<></td></loq<>	<loq< td=""><td>L</td></loq<>	L
Cannabigerol (CBG)	0.0258	0.0691	<loq< td=""><td><loq< td=""><td>L</td></loq<></td></loq<>	<loq< td=""><td>L</td></loq<>	L
Cannabigerolic Acid (CBGA)	0.0461	0.0691	1.182	11.825	1
Cannabinol (CBN)	0.0461	0.0691	ND	ND	
Cannabinolic Acid (CBNA)	0.0461	0.0691	ND	ND	
Cannabichromene (CBC)	0.0461	0.0691	ND	ND	
Cannabichromenic Acid (CBCA)	0.0461	0.0691	0.079	0.793	
Total			23.587	235.871	

Complete

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:  $\pm$  0.050% Total CBD Measurement of Uncertainty:  $\pm$  2.000% THCO potency analysis does not designate quantitative specificity of  $\Delta$ -8-THCO and  $\Delta$ -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 Powered by reLIMS info@relims.com

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#### **Northern Lights**

Batch ID or Lot Number: co722 - b13	Test: <b>Dry Weight Potency</b>	Reported: <b>09Jul2024</b>	USDA License: NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000285920	08Jul2024	NA
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	08Jul2024	NA

			Dry Weight		
Cannabinoids	LOD (%)	LOQ (%)	Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.018	0.056	ND	ND	Dried Sample Moisture
Cannabichromenic Acid (CBCA)	0.016	0.051	0.360	0.332 - 0.388	Content = 73.87%
Cannabidiol (CBD)	0.047	0.176	ND	ND	Measurement
Cannabidiolic Acid (CBDA)	0.048	0.180	ND	ND	<ul> <li>Uncertainty = 7.73%</li> <li>Results generated</li> </ul>
Cannabidivarin (CBDV)	0.011	0.042	ND	ND	using a non-validated,
Cannabidivarinic Acid (CBDVA)	0.020	0.075	ND	ND	non-compliant method.
Cannabigerol (CBG)	0.010	0.032	0.114	0.105 - 0.123	
Cannabigerolic Acid (CBGA)	0.042	0.132	0.597	0.551 - 0.643	
Cannabinol (CBN)	0.013	0.041	ND	ND	
Cannabinolic Acid (CBNA)	0.029	0.090	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.050	0.158	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.046	0.143	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.041	0.127	18.743	17.294 - 20.192	
Tetrahydrocannabivarin (THCV)	0.009	0.029	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.036	0.112	ND	ND	
Total Cannabinoids			19.814	18.272 - 21.356	
Total Potential THC			16.438	15.167 - 17.708	

#### **Final Approval**

PREPARED BY / DATE

Karen Winternheimer 09Jul2024 11:04:00 AM MDT

amantha

Sam Smith 09Jul2024 11:07:00 AM MDT



APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/3df60484-3e2a-49f3-919e-b17cd6448b43

#### 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.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



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#### Sample: 04-03-2024-48316W5600

Sample Received:04/03/2024; Report Created: 04/04/2024; Expires: 04/04/2025

Purban Poison 1 lant						1997
		22.448 9			C	0.166 %
	Total THC			4	Δ-9 THC	
and the second s	26.570 % Total Cannabinoids				<loq %<br="">Total CBD</loq>	
Cannabinoids (Testing Method:HPLC, CON-P-3000) Date Tested: 04/03/2024						Com
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	0.166	1.659	1	
∆-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0488	0.0732	25.407	254.068		
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	0.121	1.210	1	
		0.0732	ND	ND		
R-&-10-Tetrahydrocannabinol (R-&-10-THC)	0.0488			ND		
	0.0488	0.0732	ND			
R-&-10-Tetrahydrocannabinol (R-&-10-THC)		0.0732	ND	ND		
R-&-10-Tetrahydrocannabinol (R-&-10-THC) 5-&-10-Tetrahydrocannabinol (S-&-10-THC)	0.0488					
R-&-10-Tetrahydrocannabinol (R-&-10-THC) 5-&-10-Tetrahydrocannabinol (S-&-10-THC) 9R-Hexahydrocannabinol (9R-HHC)	0.0488	0.0732	ND	ND		
R-&-10-Tetrahydrocannabinol (R-&-10-THC) S-&-10-Tetrahydrocannabinol (S-&-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC)	0.0488 0.0488 0.0488	0.0732	ND ND	ND ND		
R-&-10-Tetrahydrocannabinol (R-&-10-THC) S-&-10-Tetrahydrocannabinol (S-&-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO)	0.0488 0.0488 0.0488 0.0488	0.0732 0.0732 0.0732	ND ND ND	ND ND ND		
R-&-10-Tetrahydrocannabinol (R-&-10-THC) S-&-10-Tetrahydrocannabinol (S-&-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarin (CBDVA) Cannabidivarinic Acid (CBDVA) Cannabidivarinic (CBD)	0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488	0.0732 0.0732 0.0732 0.0732 0.0732 0.0732	ND ND ND ND ND ND	N N N N N N		
R-&-10-Tetrahydrocannabinol (R-&-10-THC) S-&-10-Tetrahydrocannabinol (S-&-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarini (CBDV) Cannabidivarini (CBDV) Cannabidivarini (CBDV) Cannabidiol (CBD) Cannabidiol (CBDA)	0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488	0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732	ND ND ND ND ND VLOQ	20 20 20 20 20 20 20 20 20 20		
R-&-10-Tetrahydrocannabinol (R-&-10-THC) S-&-10-Tetrahydrocannabinol (S-&-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarini (CBDV) Cannabidivarini (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidioli (CBD) Cannabidioli (CBDA) Cannabidioli (CBC)	0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0371 0.0488	0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ND N		
R-&-10-Tetrahydrocannabinol (R-&-10-THC) S-&-10-Tetrahydrocannabinol (S-&-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarini (CBDV) Cannabidivarini (CBDV) Cannabidiol (CBD) Cannabidiol (CBD) Cannabidioli CBD) Cannabidioli CBD) Cannabidioli CBDA) Cannabidioli CBDA	0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0371 0.0488 0.0488	0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732	ND ND ND ND ND VD VD VD VD ND ND ND VD	ND ND ND ND (LOQ (LOQ 8,761		
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) SR-Hexahydrocannabinol (SR-HHC) SS-Hexahydrocannabinol (SS-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarini (CBDV) Cannabidivarini (CBDVA) Cannabidivarinic Acid (CBDA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabigerolic Acid (CBGA)	0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0371 0.0488 0.0488 0.0488	0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732		ND ND ND ND VD VD VD VD VD VD VD VD VD ND ND ND ND ND ND ND ND ND ND ND ND ND		
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) SR-Hexahydrocannabinol (SR-HHC) SS-Hexahydrocannabinol (SS-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarini (CBDV) Cannabidivarini (CBDVA) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidioli (CBDA) Cannabigerol (CBG) Cannabigeroli (CBG) Cannabigeroli (CBN) Cannabinoli (CBN)	0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488	0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732		ND ND ND ND 100 000 8741 ND ND ND		
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) SR-Hexahydrocannabinol (SR-HHC) SS-Hexahydrocannabinol (SS-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarini (CBDV) Cannabidivarini CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidioli CBDA) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabigerolic Acid (CBGA)	0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0488 0.0371 0.0488 0.0488 0.0488	0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732 0.0732		ND ND ND ND VD VD VD VD VD VD VD VD VD ND ND ND ND ND ND ND ND ND ND ND ND ND		

Total CBD Measurement of Uncertainty: s 2,000% THCD potency analysis does not designate quantitative specificity of & 0 THCD and & 9 THCD isomers



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noles Natalie Siracusa

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Laboratory Director



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## Sample: 03-14-2024-47278W5396

Sample Received:03/14/2024; Report Created: 03/15/2024; Expires: 03/15/2025



Plant cured



	28.442 %	0.241%
Souther States	Total THC	Δ-9 THC
	33.433 %	<loq %<="" td=""></loq>
And Arrist arrive	Total Cannabinoids	Total CBD

## Cannabinoids

(Testing Method:HPLC, CON-P-3000) Date Tested: 03/14/2024

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0515	0.0773	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0515	0.0773	0.241	2.412	1
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0515	0.0773	32.156	321.557	
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	<loq< td=""><td><loq< td=""><td>1</td></loq<></td></loq<>	<loq< td=""><td>1</td></loq<>	1
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)	0.0268	0.0773	<loq< td=""><td><loq< td=""><td>L</td></loq<></td></loq<>	<loq< td=""><td>L</td></loq<>	L
Cannabigerol (CBG)	0.0515	0.0773	<loq< td=""><td><loq< td=""><td>1</td></loq<></td></loq<>	<loq< td=""><td>1</td></loq<>	1
Cannabigerolic Acid (CBGA)	0.0515	0.0773	0.800	8.000	l .
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	0.236	2.361	
Total			33.433	334.330	

Complete

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:  $\pm$  0.050% Total CBD Measurement of Uncertainty:  $\pm$  2.000% THCO potency analysis does not designate quantitative specificity of  $\Delta$ -8-THCO and  $\Delta$ -9-THCO isomers



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Natalie Siracusa Laboratory Director Powered by reLIMS info@relims.com

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#### REPORT PREPARED FOR:

Rouge River, OR 97537

#### PROJECT# 24015038 LAB ID 54034945 **REPORT DATE 8/13/2024**



SAMPLE NAME: Alien OG DATE RECEIVED: 8/12/2024

	THCA 25.46%	TOTAL CBD ND	TOTAL CANNABINOIDS 25.91%
			AUTO A
	C	ANNABINOID P	ROFILE
THCA		1	
CBGA			
- 100 - A			
A9-THC			
СВС			
Z THEV			
A8-THC			
CBN			
CBG			
Δ9-THC CBC THCV Δ8-THC CBN CBQ CBDV CBDA			
CBDA			
CBD			
0.00	% 5.00%	10.00% 15.00%	20.00% 25.00% 30.00%
		- WEIGHT %	
1. 19.		wEIGH1 7	
CANNABINOID	WEIGHT (%	) MG/G	
CBC -	▶ 0.06	→ 0.61	
CBD -	→ ND	> ND	
CBDA -	→ ND	> ND	
CBDV -	> ND	> ND	
CBG - CBGA -	> ND 0.28	ND 2.81	
CBN -	ND		
Δ8-THC -	ND ND	ND	
Δ9-THC -	▶ 0.11	1.06	
THCA -	▶ 25.46	> 254.65	
THCV -	> ND	> ND	
Total CBD -	ND ND	ND	
Total CBG -	0.25	2.47	
Total THC -	> 22.44	→ 224.39	
Method: TP-POT-05 C-VWD 4C = $(0.877 \times THCA) + 20.3TH10 = (0.877 \times CHDA) + CHD4G = (0.877 \times CHDA) + CHD4G = (0.877 \times CHDA) + CHD4C = (0.877 \times$	Prepared By: BR8 Prep Date: 8/12/20	Analyzed By: BRB	
A.			
21	APPROVED BY:	- Hel	
	JUSTIN HALL		8/13/2024



LAB DIRECTOR SIGNATURE SIGNED ON

Page 1 of 1
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individuals designated on the Laboratory Chain of Custody (OCC) as contacts unless authorization is received. Limits of Quantification (LOQ) are available upon request. This report complies to the requirements of the ISO/IEC 17025/2017 standard. Review the results, expanded uncertainty and specifications to ensure they meet your requirements. Uncertainty values are available upon request.



### Sample 616-042324-283

Batch/Lot # SH16997 Sample Submitted: 04-23-2024; Report Date: 04-29-2024

THCV Delta-

a 0.054 0.057 0.12 0.187 0.045 26.32

9-THC

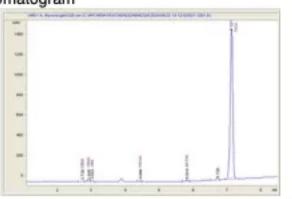
THCA

#### Batch/Lot # SH16997

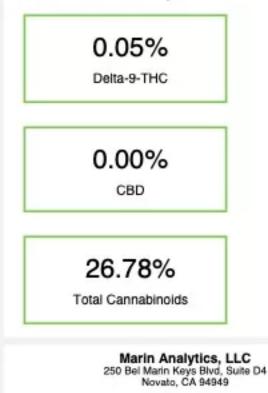
Plant Material: Hemp Flower

#### Chromatogram

NYC DIESEL



## Cannabinoid Profile by HPLC



Calculated Total THC = Delta-9-THC + 0		0.47
Calculated CBD Yield	0.05	0.47
Calculated Total THC	23.13	231.28
Total Cannabinoids	26.78	267.8
THCA	26.32	263.2
Delta-9-THC	0.045	0.45
THCVa	0.187	1.87
CBG	0.12	1.2
CBGA	0.057	0.57
CBDA	0.054	0.54
Cannabinoid	% wt	mg/g

CBDA CBGA CBG

Cannabinoid Profile

833-321-TEST / info@marinanalytics.com

Mike Clemmons Lab Manager

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Asheville, NC 28816

**PINK PANTHER** 

Info Origina and some

Plant cured

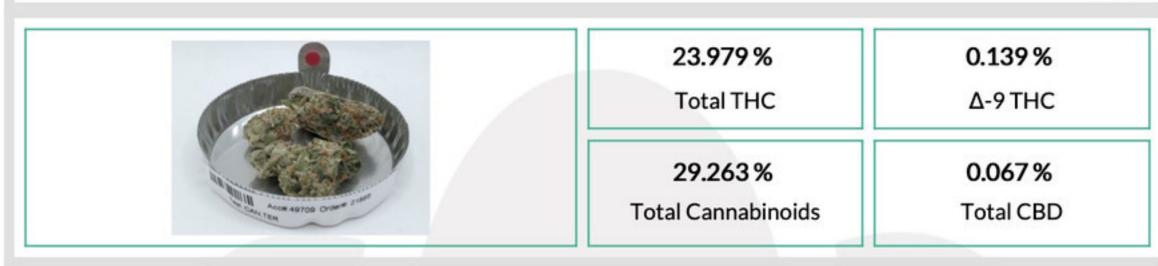
## **Certificate of Analysis**

Page: 1 of 2

## Sample: 05-06-2024-49709W6017

Sample Received:05/06/2024; Report Created: 05/07/2024; Expires: 05/07/2025





## Cannabinoids

(Testing Method:HPLC, CON-P-3000) Date Tested: 05/06/2024

_	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	0.139	1.387	1
	Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0503	0.0754	27.184	271.839	8
	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	0.166	1.658	1
	R-∆-10-Tetrahydrocannabinol (R-∆-10-THC)	0.0503	0.0754	ND	ND	
	S-∆-10-Tetrahydrocannabinol (S-∆-10-THC)	0.0503	0.0754	ND	ND	
	9R-Hexahydrocannabinol (9R-HHC)	0.0503	0.0754	ND	ND	
	95-Hexahydrocannabinol (95-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)	0.0503	0.0754	0.076	0.764	t i
	Cannabigerol (CBG)	0.0312	0.0754	<loq< td=""><td><loq< td=""><td>1</td></loq<></td></loq<>	<loq< td=""><td>1</td></loq<>	1
	Cannabigerolic Acid (CBGA)	0.0503	0.0754	1.123	11.226	1
	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	0.576	5.759	1
	Total			29.263	292.633	

Complete

New Bloom Labs 6121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#- PN0562975	Mike Maskarinec, Ph.D Laboratory Director	Powered by reLIMS info@relims.com
TN DEA#: RN0563975		

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Page: 1 of 2

#### Sample: 08-29-2023-37739W3132

Report Created: 08/30/2023; Expires: 08/29/2024

Asheville, NC 28816

#### **MAUI WAUI**

Plant cured

Sample Received:08/29/2023;

		17.191 % Total THC 19.895 % Total Cannabinoids			0.225 % Δ-9 THC <loq %<br="">Total CBD</loq>	
- Annotation of the second sec	0.000					
Cannabinoids esting Method:HPLC, CON-P-3000) Ite Tested: 08/29/2023			T			Comp
Analyte	LOD	LOQ	Mass	Mass		
	%	*	ж	mg/g		
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0500	0.0750	ND	ND		
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0500	0.0750	0.225	2.250	1	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0500	0.0750	19.345	193.450		
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	0.078	0.780	1	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0500	0.0750	ND	ND		
5-&-10-Tetrahydrocannabinol (5-&-10-THC)	0.0500	0.0750	ND	ND		
9R-Hexahydrocannabinol (9R-HHC)	0.0500	0.0750	ND	ND		
95-Hexahydrocannabinol (95-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)	0.0270	0.0750	<loq< td=""><td><loq< td=""><td>1</td><td></td></loq<></td></loq<>	<loq< td=""><td>1</td><td></td></loq<>	1	
Cannabigerol (CBG)	0.0270	0.0750	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
Cannabigerolic Acid (CBGA)	0.0500	0.0750	0.247	2.470	1	
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) Total	0.0500	0.0750	+LOQ 19,895	<loq 198.950</loq 	1	

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: s 0.050% Total CBD Measurement of Uncertainty: s 2.000% THCD astericy analysis data nut declarate accenter



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

Tioles Natalie Siracusa

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Laboratory Director



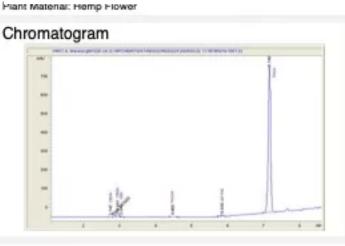
### Sample 616-032224-275

Batch/Lot # JK16999

Sample Submitted: 03-22-2024; Report Date: 03-28-2024

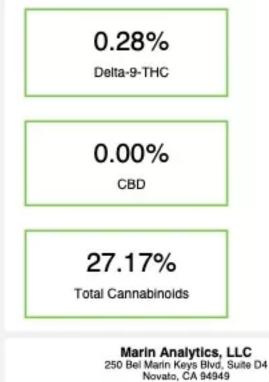
#### Batch/Lot # JK16999

THCA



Cannabinoid Profile by HPLC

**GREEN CRACK** 



Cannabinoid	% wt	mg/g
CBDA	0.054	0.54
CBGA	0.704	7.04
THCVa	0.119	1.19
Delta-9-THC	0.279	2.79
THCA	26.02	260.16
Total Cannabinoids	27.17	271.7
Calculated Total THC	23.10	230.95
Calculated CBD Yield	0.05	0.47
Calculated Total THC = Delta-9-THC + (	0.877 * THCA	
Calculated Maximum CBD Yield = CBD	+ 0.877 * CBDA	

CBDA CBGA THCV Deta-

a

0.054 0.704 0.119 0.279 26.016

9-THC

Cannabinoid Profile

833-321-TEST / info@marinanalytics.com

Mike Clemmons Lab Manager

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#### Sample 614-082223-083

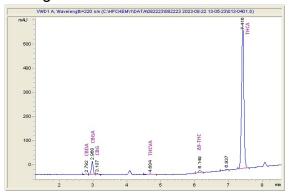
#### Blue Dream

Sample Submitted: 08-22-2024; Report Date: 08-28-2024

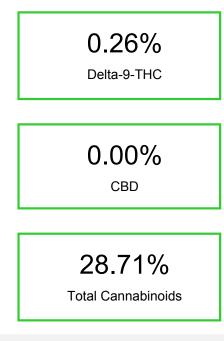
## Blue Dream THC-A Hemp

Plant Material: Flower

#### Chromatogram



Cannabinoid Profile by HPLC



Marin Analytics, LLC 250 Bel Marin Keys Blvd, Suite D4 Novato, CA 94949

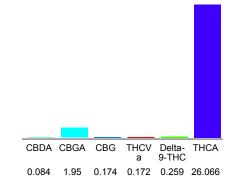
833-321-TEST / info@marinanalytics.com

Sara Biancalo

Sara Biancalana Chief Scientist

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# Cannabinoid Profile



Cannabinoid	% wt	mg/g
CBDA	0.084	0.84
CBGA	1.95	19.5
CBG	0.174	1.74
THCVa	0.172	1.72
Delta-9-THC	0.259	2.59
THCA	26.07	260.66
Total Cannabinoids	28.71	287.0
Calculated CBD Yield	0.07	0.74

Calculated Total THC = Delta-9-THC + 0.877 \* THCA Calculated Maximum CBD Yield = CBD + 0.877 \* CBDA



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1 of 1

Result

Complete

Complete

10.78%

**SKYWALKER** 

larrer

ISO 17025 Accredited Laboratory

Sample ID: HR20240190254 !"#\$%& Matrix: Plant Type: Flower - Cured Sample Size: ; Batch:

Produced: Collected: 01/10/2024 Received: 01/10/2024 Completed: 01/12/2024 Batch#:

Client

Summary Test Batch Cannabinoids Moisture

#### Cannabinoids

19.59% 19.59% ND **Total THC Total Cannabinoids** Total CBD Analyte LOD LOQ Mass Mass mg/g mg/g mg/g 22.00 THCa 0.20000 0.61000 220.04 ∆9-THC 0.45000 0.29 288 ∆8-THC 0.14000 0.42000 ND ND THCV 0.15000 0.44000 ND ND 0.10000 0.31000 ND ND CBDa CBD 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 19.59 195.86 Total CBD ND ND 19.59 195.86 Total

Determination of Cannabinoids by HPLC, HL223

Total THC =  $\Delta 9$ -THCa \* 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.

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Date Tested

01/11/2024

01/10/2024



Ming Li - General Manager 01/12/2024

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.

Complete



### Sample 616-062124-321

Sample Submitted: 06-21-2024; Report Date: 06-28-2024

Batch/Lot # FL16897

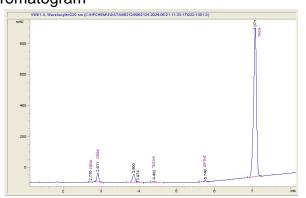
Batch/Lot # FL16897

Chicago, IL 60638

## **BLUE CHEESE**

Plant Material: Hemp Flower

#### Chromatogram

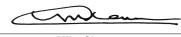


#### Cannabinoid Profile by HPLC

<b>0.19%</b> Delta-9-THC
<b>0.00%</b> CBD
<b>26.82%</b> Total Cannabinoids
Marin Analytics,

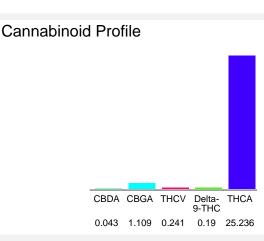
Marin Analytics, LLC 250 Bel Marin Keys Blvd, Suite D4 Novato, CA 94949

833-321-TEST / info@marinanalytics.com



Mike Clemmons Lab Manager

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Cannabinoid	% wt	mg/g	
CBDA	0.043	0.43	
CBGA	1.109	11.09	
THCV	0.241	2.41	
Delta-9-THC	0.19	1.9	
THCA	25.24	252.36	
Total Cannabinoids	26.82	268.2	
Calculated Total THC	22.32	223.22	
Calculated CBD Yield	0.04	0.38	
Calculated Total THC = Delta-9-THC + 0.877 * THCA			
Calculated Maximum CBD Yield = CBD +	0.877 * CBDA		



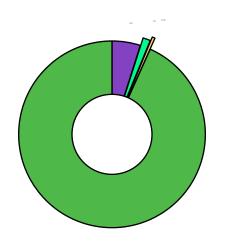
### **Potency Results**

Sample Name: Lemon OG Client: Client Batch ID: Pinnacle-Analytics.com 3549 Lear Way, Suite 101 Medford OR 97504 P:(541)300-8217

#### Sample ID: rC-H-302-E1179 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: 5-21-2024 H4 276, 302, 490 Flower

Date Sampled: 5/21/2024 Date Reported: 5/23/2024 Client License: N/A For R&D Purposes Only

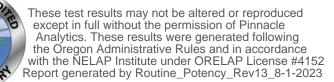
Total THC (THCA*0.877+d9-THC)	24.6%
Total CBD (CBDA*0.877+CBD)	<loq%< th=""></loq%<>
Moisture Content	14.0%



q/q
.OQ
.OQ
.OQ
4.7
.89
.OQ
.OQ
.OQ
.5 /
.OQ
.OQ
<b>9</b> .0
99.0

CBGA THCA\*





Pg 1 of 2

Kris Ford, PhD Lab Director