

Certificate of Analysis

Longleaf Distribution Co

1308 S Hawthorne Rd Winston Salem, NC 28806 info@longleafpro.com 336-602-2423

Sample: 05-06-2024-49709W6802

Sample Received:05/06/2024;

Report Created: 05/07/2024; Expires: 05/07/2025

Chimera Plant cured



23.979% **Total THC** 0.139% Δ -9 THC

29.263% **Total Cannabinoids**

0.067% **Total CBD**

Cannabinoids

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

Complete

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 Δ-9-Tetrahydrocannabinolic Acid (THCA-A) 0.0503 0.0754 27.184 271.839 Δ-9-Tetrahydrocannabiphorol (Δ-9-THCV) 0.0503 0.0754 ND ND Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) 0.0503 0.0754 ND ND S-Δ-10-Tetrahydrocannabinol (R-10-THC) 0.0503 0.0754 ND ND 9R-Hexahydrocannabinol (P-HHC) 0.0503 0.0754 ND ND 9S-Hexahydrocannabinol (P-HHC) 0.0503 0.0754 ND ND Cannabidivarin (CBDV) <td< th=""><th>Analyte</th><th>LOD</th><th>LOQ</th><th>Mass</th><th>Mass</th><th></th></td<>	Analyte	LOD	LOQ	Mass	Mass	
Δ-9-Tetrahydrocannabinol (Δ-9 THC) 0.0503 0.0754 0.139 1.387 Δ-9-Tetrahydrocannabinolic Acid (THCA-A) 0.0503 0.0754 27.184 271.839 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 ND ND Λ-9-Tetrahydrocannabivalinol (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 10 Cannabidivarin (CBDV) 0.0503 0.0754 ND ND 10 Cannabidivarin (CBDV) 0.0503 0.0754 ND ND 10 Cannabidivarinic Acid (CBDVA) 0.0503 0.0754 ND ND 10 Cannabidiolic Acid (CBDA) 0.0503 0.0754		/ %	%	%	mg/g	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) 0.0503 0.0754 27.184 271.839 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 ND ND Δ-9-Tetrahydrocannabivorinic Acid (Δ-9-THCVA) 0.0503 0.0754 ND ND S-Δ-10-Tetrahydrocannabinol (R-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 10 Cannabidivarin (CBDV) 0.0503 0.0754 ND ND 10 Cannabidivarin (CBDV) 0.0503 0.0754 ND ND 10 Cannabidivarinic Acid (CBDVA) 0.0503 0.0754 ND ND 10 Cannabidiolic (CBD) 0.0503 0.0754 ND ND 10 Cannabigerol (CBG) 0.0503 0.0754 ND ND 10 Cannabigerol (CBG) 0.0503 0.0754 <td< td=""><td>Δ-8-Tetrahydrocannabinol (Δ-8 THC)</td><td>0.0503</td><td>0.0754</td><td>ND</td><td>ND</td><td></td></td<>	Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0503	0.0754	ND	ND	
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 R-Δ-10-Tetrahydrocannabivorinic Acid (Δ-9-THCV) 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 10-10-10-10-10-10-10-10-10-10-10-10-10-1	Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0503	0.0754	0.139	1.387	1
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 R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) 0.0503 0.0754 ND ND S-Δ-10-Tetrahydrocannabinol (9R-HHC) 0.0503 0.0754 ND ND 9R-Hexahydrocannabinol (9S-HHC) 0.0503 0.0754 ND ND 9S-Hexahydrocannabinol 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 Cannabidioli (CBD) 0.0503 0.0754 ND ND Cannabigerol (CBG) 0.0503 0.0754 ND ND Cannabigerol (CBG) 0.0503 0.0754 ND ND Cannabigeroli (CBG) 0.0503 0.0754 ND ND Cannabigeroli (CBG) 0.0503 0.0754 ND ND Cannabinolic Acid (CBNA	Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0503	0.0754	27.184	271.839	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) 0.0503 0.0754 0.166 1.658 R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) 0.0503 0.0754 ND ND S-Δ-10-Tetrahydrocannabinol (9-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 Cannabidioli (CBD) 0.0503 0.0754 ND ND Cannabidiolic Acid (CBDA) 0.0503 0.0754 ND ND Cannabigerol (CBG) 0.0312 0.0754 LOQ LOQ Cannabigerolic Acid (CBGA) 0.0503 0.0754 ND ND Cannabinolic Acid (CBNA) 0.0503 0.0754 ND ND Cannabinolic Acid (CBNA) 0.0503 0.0754 ND ND	Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0503	0.0754	ND	ND	
R-∆-10-Tetrahydrocannabinol (R-∆-10-THC) 0.0503 0.0754 ND ND S-∆-10-Tetrahydrocannabinol (9R-HHC) 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 Cannabidivarinic (CBDV) 0.0503 0.0754 ND ND Cannabidiola Caid (CBDVA) 0.0503 0.0754 ND ND Cannabidioli (CBD) 0.0503 0.0754 ND ND Cannabigerol (CBG) 0.0503 0.0754 ND ND Cannabigerol (CBG) 0.0312 0.0754 LOQ LOQ LOQ Cannabigerolic Acid (CBGA) 0.0503 0.0754 ND ND ND Cannabinolic Acid (CBNA) 0.0503 0.0754 ND ND ND Cannabinolic Acid (CBNA) 0.0503 0.0754 ND ND ND Cannabichromene (CBC) 0.0503 0.0754 ND	Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	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 Cannabidioli (CBD) 0.0503 0.0754 ND ND Cannabidiolic Acid (CBDA) 0.0503 0.0754 ND ND Cannabigerol (CBG) 0.0312 0.0754	Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0503	0.0754	0.166	1.658	
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 Cannabidivarini (CBDV) 0.0503 0.0754 ND ND Cannabidivarinic Acid (CBDVA) 0.0503 0.0754 ND ND Cannabidioli (CBD) 0.0503 0.0754 ND ND Cannabidiolic Acid (CBDA) 0.0503 0.0754 0.076 0.764 Cannabigerol (CBG) 0.0312 0.0754	R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	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 Cannabidioli (CBD) 0.0503 0.0754 ND ND Cannabidiolic Acid (CBDA) 0.0503 0.0754 0.076 0.764 Cannabigeroli (CBG) 0.0312 0.0754 <tdq< td=""> <tdq< td=""> Cannabigerolic Acid (CBGA) 0.0503 0.0754 ND ND Cannabinol (CBN) 0.0503 0.0754 ND ND Cannabinolic Acid (CBNA) 0.0503 0.0754 ND ND Cannabinolic Acid (CBNA) 0.0503 0.0754 ND ND Cannabinolic Acid (CBNA) 0.0503 0.0754 ND ND</tdq<></tdq<>	S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	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 Cannabidioli (CBD) 0.0503 0.0754 ND ND Cannabidiolic Acid (CBDA) 0.0503 0.0754 0.076 0.764 Cannabigerol (CBG) 0.0312 0.0754	9R-Hexahydrocannabinol (9R-HHC)	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 Cannabigerol (CBG) 0.0312 0.0754	9S-Hexahydrocannabinol (9S-HHC)	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 Cannabigerol (CBG) 0.0312 0.0754 <tdq< td=""> <tdq< td=""> Cannabigerolic Acid (CBGA) 0.0503 0.0754 1.123 11.226 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</tdq<></tdq<>	Tetrahydrocannabinol Acetate (THCO)	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 Cannabigerol (CBG) 0.0312 0.0754 <loq< td=""> <loq< td=""> Cannabigerolic Acid (CBGA) 0.0503 0.0754 1.123 11.226 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</loq<></loq<>	Cannabidivarin (CBDV)	0.0503	0.0754	ND	ND	
Cannabidiolic Acid (CBDA) 0.0503 0.0754 0.076 0.764 Cannabigerol (CBG) 0.0312 0.0754 <loq< td=""> <loq< td=""> Cannabigerolic Acid (CBGA) 0.0503 0.0754 1.123 11.226 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</loq<></loq<>	Cannabidivarinic Acid (CBDVA)	0.0503	0.0754	ND	ND	
Cannabigerol (CBG) 0.0312 0.0754 <loq< td=""> <loq< td=""> Cannabigerolic Acid (CBGA) 0.0503 0.0754 1.123 11.226 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</loq<></loq<>	Cannabidiol (CBD)	0.0503	0.0754	ND	ND	
Cannabigerolic Acid (CBGA) 0.0503 0.0754 1.123 11.226 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	Cannabidiolic Acid (CBDA)	0.0503	0.0754	0.076	0.764	
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	Cannabigerol (CBG)	0.0312	0.0754	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabinolic Acid (CBNA) 0.0503 0.0754 ND ND Cannabichromene (CBC) 0.0503 0.0754 ND ND	Cannabigerolic Acid (CBGA)	0.0503	0.0754	1.123	11.226	1
Cannabichromene (CBC) 0.0503 0.0754 ND ND	Cannabinol (CBN)	0.0503	0.0754	ND	ND	
	Cannabinolic Acid (CBNA)	0.0503	0.0754	ND	ND	
Cannabichromenic Acid (CBCA) 0.0503 0.0754 0.576 5.759	Cannabichromene (CBC)	0.0503	0.0754	ND	ND	
	Cannabichromenic Acid (CBCA)	0.0503	0.0754	0.576	5.759	

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 0.040% Total CBD Measurement of Uncertainty: \pm 2.000% THCO Dotency 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

Vernon L. Alvarez, Ph.D

Mike Maskarinec, Ph.D Laboratory Director

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All analyses were conducted at 6121 Heritage Park Dr, Suite A500 Chattanooga, TN 37416. Results published on this certificate relate only to the items tested. Items are tested as received. New Bloom Labs makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of New Bloom Labs.





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Sample: 05-06-2024-49709W6802

Sample Received:05/06/2024;

Report Created: 05/07/2024; Expires: 05/07/2025

Chimera

Plant cured



Terpenes

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

Date Tested: 05/06/2024

Date Tested: 05/06/2024					
Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	813.740	0.814	
α-Humulene	0.750	3.000	1330.190	1.330	
α-Pinene	0.750	3.000	2673.983	2.674	
α-Terpinene	0.750	3.000	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
1,8-Cineole	0.750	3.000	19.724	0.020	
β-Caryophyllene	0.750	3.000	4750.569	4.751	
β-Myrcene	0.750	3.000	ND	ND	
Borneol	0.750	3.000	270.065	0.270	
Camphene	0.750	3.000	428.239	0.428	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	3.000	3.000	>3.000	>0.003	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	115.453	0.115	
γ-Terpinene	0.750	3.000	17.279	0.017	
Limonene	0.750	3.000	6603.818	6.604	
Linalool	0.750	3.000	4185.851	4.186	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	429.904	0.430	
Pulegone	0.750	3.000	ND	ND	_
Terpinolene	0.750	3.000	82.684	0.083	
Total			21764.435	21.764	2.176 %

Primary Aromas



Cinnamon



avende



Pine



Hops





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



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