New Bloom Labs

Certificate of Analysis

Smoky Mountain CBD
344 County Road 875
Etowah, TN 37331
ryan@smokymountaincbd.com
865-310-6466

Sample: 04-19-2024-49043
Sample Received:04/19/2024;
Report Created: 04/22/2024; Expires: 04/22/2025

Lobster Butter
Plant , Flower - Cured

21.267 %	0.144 %
Total THC	Δ-9 THC
25.066 %	**<LOQ %**
Total Cannabinoids	Total CBD

Cannabinoids

Complete

(Testing Method:HPLC, CON-P-3000)
Date Tested: 04/19/2024

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	**0.144**	**1.440**
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0500	0.0750	**24.086**	**240.860**
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	**0.109**	**1.090**
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)	0.0330	0.0750	<LOQ	<LOQ
Cannabigerol (CBG)	0.0500	0.0750	**0.128**	**1.280**
Cannabigerolic Acid (CBGA)	0.0500	0.0750	**0.408**	**4.080**
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	**0.191**	**1.910**
Total			**25.066**	**250.660**

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

Powered by
reLIMS
info@relims.com

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.

Certificate of Analysis

Smoky Mountain CBD
344 County Road 875
Etowah, TN 37331
ryan@smokymountaincbd.com
865-310-6466

Sample: 04-19-2024-49043
Sample Received:04/19/2024;
Report Created: 04/22/2024; Expires: 04/22/2025

Lobster Butter
Plant , Flower - Cured

Terpenes

(Testing Method:HS-GC/MS, CON-P-4000)
Date Tested: 04/19/2024

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	**256.317**	**0.256**	
α-Humulene	0.750	3.000	**1221.175**	**1.221**	
α-Pinene	0.750	3.000	**975.785**	**0.976**	
α-Terpinene	0.750	3.000	**339.699**	**0.340**	
1,8-Cineole	0.750	3.000	**144.596**	**0.145**	
β-Caryophyllene	0.750	3.000	**5006.208**	**5.006**	
β-Myrcene	0.750	3.000	**2507.504**	**2.508**	
Borneol	0.750	3.000	**203.673**	**0.204**	
Camphene	0.750	3.000	**142.319**	**0.142**	
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	**271.623**	**0.272**	
γ-Terpinene	0.750	3.000	**274.284**	**0.274**	
Limonene	0.750	3.000	**3084.204**	**3.084**	
Linalool	0.750	3.000	**1152.265**	**1.152**	
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	**8161.239**	**8.161**	
Total			23811.711	23.812	2.381 %

Primary Aromas

Herbal

Cinnamon

Lime

Clove

Hops

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

Powered by
reLIMS
info@relims.com

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.