

Prepared for:

BLOOM DISTRIBUTION

12742 East Caley Ave Unit E
Centennial, CO USA 80111


Bloom Hemp Premium Focus Tincture


Batch ID or Lot Number: 2310231	Test: Potency	Reported: 27Oct2023	USDA License: N/A
Matrix: Unit	Test ID: T000260010	Started: 26Oct2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 25Oct2023	Status: N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.462	4.958	48.270	1.60	# of Servings = 1, Sample Weight=30g
Cannabichromenic Acid (CBCA)	1.337	4.535	ND	ND	
Cannabidiol (CBD)	5.449	14.593	1434.040	47.80	
Cannabidiolic Acid (CBDA)	5.589	14.968	24.610	0.80	
Cannabidivarin (CBDV)	1.289	3.451	6.110	0.20	
Cannabidivarinic Acid (CBDVA)	2.331	6.244	ND	ND	
Cannabigerol (CBG)	0.830	2.815	299.490	10.00	
Cannabigerolic Acid (CBGA)	3.470	11.767	ND	ND	
Cannabinol (CBN)	1.083	3.672	4.460	0.10	
Cannabinolic Acid (CBNA)	2.367	8.029	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.134	14.019	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	3.754	12.732	33.060	1.10	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.326	11.281	ND	ND	
Tetrahydrocannabivarin (THCV)	0.755	2.560	208.440	6.90	
Tetrahydrocannabivarinic Acid (THCVA)	2.934	9.950	ND	ND	
Total Cannabinoids			2058.480	68.50	
Total Potential THC			33.060	1.10	
Total Potential CBD			1455.623	48.50	

Final Approval


Sam Smith
27Oct2023
11:16:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
27Oct2023
12:21:00 PM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/4759d3b8-7339-49f8-aa9d-d8e055a8bd71>

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)).

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.



Cert #4329.02
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Bloom Hemp Premium Focus Tincture

Batch ID or Lot Number: 2310231	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 5
Reported: 03Nov2023	Started: 02Nov2023	Received: 01Nov2023	


Residual Solvents


Test ID: T000260683

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	100 - 2001	ND	
Butanes (Isobutane, n-Butane)	197 - 3941	ND	
Methanol	67 - 1336	ND	
Pentane	103 - 2056	ND	
Ethanol	103 - 2063	>2063	
Acetone	107 - 2136	ND	
Isopropyl Alcohol	112 - 2245	ND	
Hexane	7 - 131	ND	
Ethyl Acetate	109 - 2179	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	105 - 2099	ND	
Toluene	19 - 388	ND	
Xylenes (m,p,o-Xylenes)	141 - 2824	ND	

Final Approval


Karen Winternheimer
03Nov2023
10:26:00 AM MDT
PREPARED BY / DATE


Sam Smith
03Nov2023
10:37:00 AM MDT
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Prepared for:
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12742 East Caley Ave Unit E
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Pesticides


Test ID: T000260680

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	323 - 2856	ND		Malathion	288 - 2644	ND
Acephate	43 - 2689	ND		Metalaxyl	42 - 2661	ND
Acetamiprid	42 - 2679	ND		Methiocarb	46 - 2675	ND
Azoxystrobin	44 - 2663	ND		Methomyl	43 - 2708	ND
Bifenazate	44 - 2666	ND		MGK 264 1	158 - 1606	ND
Boscalid	42 - 2654	ND		MGK 264 2	108 - 1083	ND
Carbaryl	41 - 2678	ND		Myclobutanil	51 - 2691	ND
Carbofuran	47 - 2640	ND		Naled	44 - 2648	ND
Chlorantraniliprole	43 - 2675	ND		Oxamyl	44 - 2722	ND
Chlorpyrifos	42 - 2748	ND		Paclobutrazol	44 - 2667	ND
Clofentezine	269 - 2680	ND		Permethrin	293 - 2776	ND
Diazinon	272 - 2675	ND		Phosmet	45 - 2545	ND
Dichlorvos	258 - 2738	ND		Prophos	280 - 2684	ND
Dimethoate	43 - 2617	ND		Propoxur	45 - 2661	ND
E-Fenpyroximate	282 - 2766	ND		Pyridaben	292 - 2733	ND
Etofenprox	45 - 2792	ND		Spinosad A	33 - 2080	ND
Etoxazole	281 - 2669	ND		Spinosad D	62 - 673	ND
Fenoxycarb	42 - 2699	ND		Spiromesifen	265 - 2742	ND
Fipronil	30 - 2741	ND		Spirotetramat	284 - 2702	ND
Flonicamid	50 - 2736	ND		Spiroxamine 1	17 - 998	ND
Fludioxonil	285 - 2644	ND		Spiroxamine 2	27 - 1557	ND
Hexythiazox	43 - 2789	ND		Tebuconazole	279 - 2638	ND
Imazalil	265 - 2708	ND		Thiacloprid	43 - 2700	ND
Imidacloprid	46 - 2726	ND		Thiamethoxam	42 - 2694	ND
Kresoxim-methyl	44 - 2675	ND		Trifloxystrobin	48 - 2684	ND

Final Approval


 Sam Smith
 06Nov2023
 07:06:00 AM MST
 PREPARED BY / DATE


 Karen Winternheimer
 06Nov2023
 07:14:00 AM MST
 APPROVED BY / DATE

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Microbial Contaminants

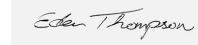
Test ID: T000260681

Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval


Brianne Maillot
05Nov2023
01:20:00 PM MST
PREPARED BY / DATE


Eden Thompson-Wright
06Nov2023
10:45:00 AM MST
APPROVED BY / DATE


Heavy Metals


Test ID: T000260682

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.74	ND	
Cadmium	0.05 - 4.80	ND	
Mercury	0.05 - 4.59	ND	
Lead	0.05 - 4.86	ND	

Final Approval


Sam Smith
07Nov2023
02:36:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
07Nov2023
02:38:00 PM MST
APPROVED BY / DATE

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Centennial, CO USA 80111

Bloom Hemp Premium Focus Tincture

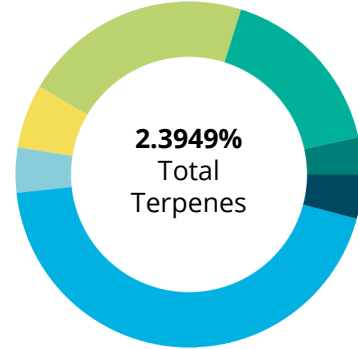
Batch ID or Lot Number: 2310231	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 4 of 5
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Terpenes

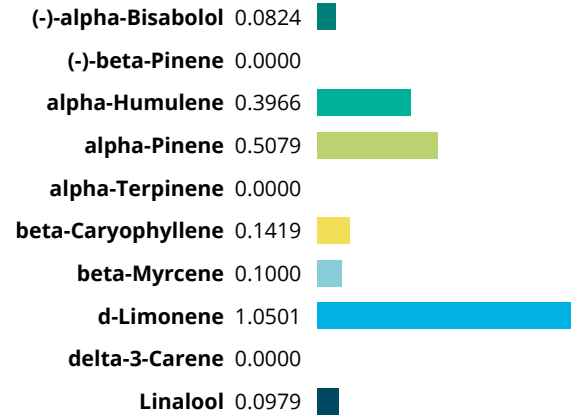
Test ID: T000260679

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0824	0.824
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.3966	3.966
alpha-Pinene	0.5079	5.079
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.1419	1.419
beta-Myrcene	0.1000	1.000
beta-Ocimene	0.0041	0.041
Camphene	0.0084	0.084
cis-Nerolidol	0.0000	0.0000
d-Limonene	1.0501	10.501
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0979	0.979
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0056	0.056
2.3949	23.9490	




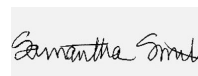
PREDOMINANT TERPENES



Notes

Final Approval


 Karen Winternheimer
 08Nov2023
 08:57:00 AM MST
 PREPARED BY / DATE


 Sam Smith
 08Nov2023
 09:10:00 AM MST
 APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/d87d2255-1084-4db5-baa9-f9a07c1432b5>

Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (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)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa * (0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU.

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