

Prepared for:  
**House of Alchemy LLC**  
23110 State Rd 54, Unit 361  
Lutz, FL United States 33549

## CALM Tincture


Batch ID or Lot Number: <b>010323</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 7
Reported: <b>22Nov2023</b>	Started: 21Nov2023	Received: 20Nov2023	


## Cannabinoids - Colorado Compliance

Test ID: T000260917  
Methods: TM14 (HPLC-DAD): Potency - Full Spectrum  
Analysis, 0.3% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	3.856	13.440	36.727	0.65	# of Servings = 1 Sample Weight=56.7g
Cannabichromenic Acid (CBCA)	3.527	12.293	ND	ND	
Cannabidiol (CBD)	18.458	36.721	629.224	11.10	
Cannabidiolic Acid (CBDA)	18.932	37.663	ND	ND	
Cannabidivarin (CBDV)	4.366	8.685	ND	ND	
Cannabidivarinic Acid (CBDVA)	7.897	15.711	ND	ND	
Cannabigerol (CBG)	2.189	7.631	54.535	0.96	
Cannabigerolic Acid (CBGA)	9.153	31.901	ND	ND	
Cannabinol (CBN)	2.856	9.955	ND	ND	
Cannabinolic Acid (CBNA)	6.245	21.765	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	10.904	38.005	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	9.903	34.516	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	8.774	30.581	ND	ND	
Tetrahydrocannabivarin (THCV)	1.991	6.941	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	7.739	26.974	ND	ND	
<b>Total Cannabinoids</b>			<b>720.486</b>	<b>12.71</b>	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			629.224	11.10	

### Final Approval


  
Sam Smith  
22Nov2023  
12:27:00 PM MST  
PREPARED BY / DATE


  
Karen Winternheimer  
22Nov2023  
12:30:00 PM MST  
APPROVED BY / DATE

## Cannabinoids

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.675	0.033	0.33	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.351	ND	0.00	N/A
<b>Total Potential THC</b>	-	<b>0.033</b>	<b>0.33</b>	

### Final Approval

  
Sam Smith  
22Nov2023  
07:59:00 AM MST  
PREPARED BY / DATE

  
Karen Winternheimer  
22Nov2023  
08:03:00 AM MST  
APPROVED BY / DATE

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## Pesticides


Test ID: T000260920

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	308 - 2713	ND		Malathion	294 - 2663	ND
Acephate	58 - 2734	ND		Metalaxyl	61 - 2723	ND
Acetamiprid	59 - 2660	ND		Methiocarb	62 - 2711	ND
Azoxystrobin	63 - 2666	ND		Methomyl	58 - 2730	ND
Bifenazate	60 - 2672	ND		MGK 264 1	166 - 1630	ND
Boscalid	64 - 2660	ND		MGK 264 2	109 - 1067	ND
Carbaryl	60 - 2693	ND		Myclobutanil	25 - 2723	ND
Carbofuran	60 - 2702	ND		Naled	63 - 2709	ND
Chlorantraniliprole	57 - 2685	ND		Oxamyl	57 - 2723	ND
Chlorpyrifos	49 - 2768	ND		Paclobutrazol	62 - 2670	ND
Clofentezine	282 - 2707	ND		Permethrin	288 - 2797	ND
Diazinon	294 - 2688	ND		Phosmet	63 - 2568	ND
Dichlorvos	251 - 2742	ND		Prophos	293 - 2700	ND
Dimethoate	59 - 2686	ND		Propoxur	61 - 2689	ND
E-Fenpyroximate	287 - 2789	ND		Pyridaben	297 - 2760	ND
Etofenprox	62 - 2756	ND		Spinosad A	45 - 2099	ND
Etoxazole	291 - 2695	ND		Spinosad D	66 - 665	ND
Fenoxycarb	65 - 2675	ND		Spiromesifen	288 - 2753	ND
Fipronil	35 - 2735	ND		Spirotetramat	299 - 2717	ND
Flonicamid	66 - 2756	ND		Spiroxamine 1	22 - 1024	ND
Fludioxonil	314 - 2683	ND		Spiroxamine 2	34 - 1587	ND
Hexythiazox	56 - 2796	ND		Tebuconazole	274 - 2692	ND
Imazalil	286 - 2692	ND		Thiacloprid	60 - 2688	ND
Imidacloprid	61 - 2769	ND		Thiamethoxam	61 - 2732	ND
Kresoxim-methyl	60 - 2746	ND		Trifloxystrobin	62 - 2703	ND

## Final Approval

  
Sam Smith  
24Nov2023  
11:10:00 AM MST  
PREPARED BY / DATE

  
Karen Winternheimer  
24Nov2023  
11:13:00 AM MST  
APPROVED BY / DATE

Prepared for:  
**House of Alchemy LLC**  
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## CALM Tincture


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## Microbial Contaminants - Colorado Compliance

Test ID: T000260921  
Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

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

### Final Approval

  
Brianne Maillot  
24Nov2023  
10:54:00 AM MST

  
Brett Hudson  
24Nov2023  
12:21:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

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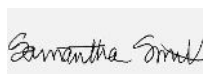
## Residual Solvents - Colorado Compliance

Test ID: T000260923


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	98 - 1951	ND	
Butanes (Isobutane, n-Butane)	193 - 3852	ND	
Methanol	68 - 1356	ND	
Pentane	104 - 2078	ND	
Ethanol	106 - 2129	ND	
Acetone	107 - 2149	ND	
Isopropyl Alcohol	118 - 2353	ND	
Hexane	7 - 133	ND	
Ethyl Acetate	111 - 2226	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	106 - 2127	ND	
Toluene	20 - 400	ND	
Xylenes (m,p,o-Xylenes)	146 - 2922	ND	

### Final Approval

  
Sam Smith  
27Nov2023  
09:44:00 AM MST

PREPARED BY / DATE

  
Karen Winternheimer  
27Nov2023  
09:46:00 AM MST

APPROVED BY / DATE

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## Mycotoxins - Colorado Compliance

Test ID: T000260924  
Methods: TM18 (UHPLC-QQQ)  
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.27 - 132.41	ND	N/A
Aflatoxin B1	0.93 - 32.07	ND	
Aflatoxin B2	0.93 - 32.36	ND	
Aflatoxin G1	0.99 - 32.55	ND	
Aflatoxin G2	1.09 - 32.71	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

### Final Approval

  
Sam Smith  
29Nov2023  
02:03:00 PM MST  
PREPARED BY / DATE


  
Karen Winternheimer  
29Nov2023  
02:08:00 PM MST  
APPROVED BY / DATE


## Heavy Metals - Colorado Compliance

Test ID: T000260922  
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.77	ND	
Cadmium	0.04 - 4.43	ND	
Mercury	0.04 - 4.30	ND	
Lead	0.05 - 4.72	ND	

### Final Approval

  
Sam Smith  
29Nov2023  
12:02:00 PM MST  
PREPARED BY / DATE

  
Karen Winternheimer  
29Nov2023  
12:05:00 PM MST  
APPROVED BY / DATE

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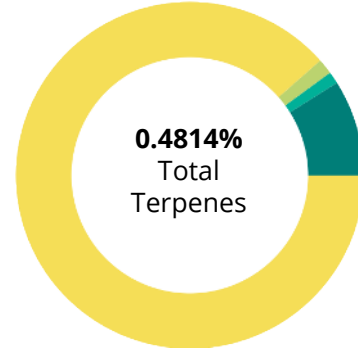
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## Terpenes

Test ID: T000260919

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0061	0.061
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0375	0.375
beta-Myrcene	0.0047	0.047
beta-Ocimene	0.0182	0.182
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0060	0.060
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0103	0.103
gamma-Terpinene	0.0007	0.007
Geraniol	0.0000	0.0000
Linalool	0.3705	3.705
Ocimene	0.0260	0.260
p-Cymene	0.0014	0.014
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	<b>0.4814</b>	<b>4.8140</b>




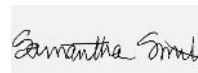
### PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0000
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0375
beta-Myrcene	0.0047
d-Limonene	0.0060
delta-3-Carene	0.0000
Linalool	0.3705

### Notes

### Final Approval

  
Karen Winternheimer  
05Dec2023  
11:25:00 AM MST  
PREPARED BY / DATE

  
Sam Smith  
05Dec2023  
11:26:00 AM MST  
APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/f2e229ac-3673-4088-8197-4962c9bbddc7>

### 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:  $10^2 = 100$  CFU,  $10^3 = 1,000$  CFU,  $10^4 = 10,000$  CFU,  $10^5 = 100,000$  CFU.

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. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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