

Prepared for:

House of Alchemy LLC

23110 State Rd 54, Unit 361
Lutz, FL United States 33549

CALM Tincture

Batch ID or Lot Number: 010124	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: 26Jun2024	Started: 25Jun2024	Received: 25Jun2024	

Heavy Metals - Colorado Compliance

Test ID: T000284993

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.66	ND	
Cadmium	0.05 - 4.56	ND	
Mercury	0.05 - 4.82	ND	
Lead	0.05 - 4.70	ND	

Final Approval



Karen Winternheimer
26Jun2024
01:48:00 PM MDT

PREPARED BY / DATE



Sam Smith
26Jun2024
02:00:00 PM MDT

APPROVED BY / DATE

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Lutz, FL United States 33549

CALM Tincture

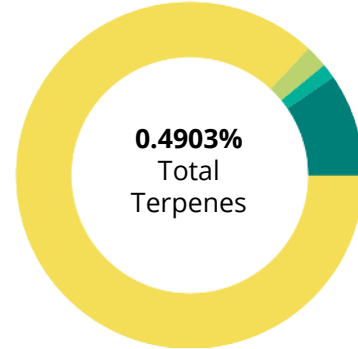
Batch ID or Lot Number: 010124	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 2 of 7
Reported: 26Jun2024	Started: 25Jun2024	Received: 25Jun2024	

Terpenes

Test ID: T000284990

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0060	0.060
(-)-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	0.0393	0.393
beta-Myrcene	0.0057	0.057
beta-Ocimene	0.0259	0.259
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0086	0.086
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0131	0.131
gamma-Terpinene	0.0013	0.013
Geraniol	0.0000	0.0000
Linalool	0.3571	3.571
Ocimene	0.0321	0.321
p-Cymene	0.0012	0.012
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	0.4903	4.9030



PREDOMINANT TERPENES

(-)-alpha-Bisabolol 0.0000

(-)-beta-Pinene 0.0000

alpha-Humulene 0.0000

alpha-Pinene 0.0000

alpha-Terpinene 0.0000

beta-Caryophyllene 0.0393

beta-Myrcene 0.0057

d-Limonene 0.0086

delta-3-Carene 0.0000

Linalool 0.3571

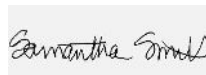
Notes

Final Approval



Karen Winterheimer
27Jun2024
11:14:00 AM MDT

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Sam Smith
27Jun2024
11:16:00 AM MDT

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Pesticides

Test ID: T000284991

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	492 - 2782	ND		Malathion	289 - 2740	ND
Acephate	39 - 2737	ND		Metalaxyl	43 - 2742	ND
Acetamiprid	39 - 2709	ND		Methiocarb	41 - 2732	ND
Azoxystrobin	45 - 2727	ND		Methomyl	42 - 2761	ND
Bifenazate	45 - 2708	ND		MGK 264 1	65 - 1532	ND
Boscalid	39 - 2717	ND		MGK 264 2	97 - 1089	ND
Carbaryl	38 - 2731	ND		Myclobutanil	40 - 2704	ND
Carbofuran	42 - 2702	ND		Naled	43 - 2682	ND
Chlorantraniliprole	38 - 2717	ND		Oxamyl	42 - 2764	ND
Chlorpyrifos	25 - 2744	ND		Paclobutrazol	41 - 2702	ND
Clofentezine	278 - 2710	ND		Permethrin	263 - 2746	ND
Diazinon	278 - 2746	ND		Phosmet	43 - 2608	ND
Dichlorvos	264 - 2725	ND		Prophos	277 - 2740	ND
Dimethoate	41 - 2726	ND		Propoxur	42 - 2701	ND
E-Fenpyroximate	260 - 2843	ND		Pyridaben	265 - 2838	ND
Etofenprox	36 - 2769	ND		Spinosad A	30 - 2070	ND
Etoxazole	254 - 2755	ND		Spinosad D	58 - 687	ND
Fenoxycarb	42 - 2737	ND		Spiromesifen	246 - 2837	ND
Fipronil	37 - 2764	ND		Spirotetramat	294 - 2758	ND
Flonicamid	45 - 2733	ND		Spiroxamine 1	15 - 1020	ND
Fludioxonil	268 - 2689	ND		Spiroxamine 2	24 - 1610	ND
Hexythiazox	34 - 2828	ND		Tebuconazole	303 - 2724	ND
Imazalil	284 - 2776	ND		Thiacloprid	43 - 2760	ND
Imidacloprid	43 - 2744	ND		Thiamethoxam	37 - 2739	ND
Kresoxim-methyl	46 - 2757	ND		Trifloxystrobin	42 - 2725	ND

Final Approval


Sam Smith
27Jun2024
09:09:00 AM MDT
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Karen Winternheimer
27Jun2024
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**Residual Solvents -
Colorado Compliance**

Test ID: T000284994
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	91 - 1817	ND	
Butanes (Isobutane, n-Butane)	182 - 3634	ND	
Methanol	66 - 1329	ND	
Pentane	93 - 1864	ND	
Ethanol	93 - 1860	ND	
Acetone	106 - 2112	ND	
Isopropyl Alcohol	112 - 2247	ND	
Hexane	7 - 132	ND	
Ethyl Acetate	108 - 2167	ND	
Benzene	0.2 - 4.5	ND	
Heptanes	102 - 2035	ND	
Toluene	20 - 393	ND	
Xylenes (m,p,o-Xylenes)	142 - 2833	ND	

Final Approval


Sam Smith
28Jun2024
11:23:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
28Jun2024
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Reported: 26Jun2024	Started: 25Jun2024	Received: 25Jun2024	

**Cannabinoids - Colorado
Compliance**

Test ID: T000284988

Methods: TM14 (HPLC-DAD): Potency - Full Spectrum

Analysis, 0.3% THC

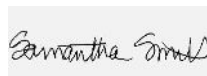
	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	3.264	10.206	10.811	0.19	# of Servings = 1 Sample Weight=56.7g
Cannabichromenic Acid (CBCA)	2.986	9.335	ND	ND	
Cannabidiol (CBD)	8.523	32.393	587.930	10.37	
Cannabidiolic Acid (CBDA)	8.742	33.224	ND	ND	
Cannabidivarin (CBDV)	2.016	7.661	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	3.647	13.859	ND	ND	
Cannabigerol (CBG)	1.853	5.795	74.577	1.32	
Cannabigerolic Acid (CBGA)	7.748	24.224	ND	ND	
Cannabinol (CBN)	2.418	7.560	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	5.286	16.528	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	9.231	28.860	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	8.383	26.210	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	7.428	23.222	ND	ND	
Tetrahydrocannabivarin (THCV)	1.686	5.271	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	6.551	20.483	ND	ND	
Total Cannabinoids			673.318	11.88	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			587.930	10.37	

Final Approval



Karen Winternheimer
28Jun2024
08:21:00 AM MDT

PREPARED BY / DATE



Sam Smith
28Jun2024
08:24:00 AM MDT

APPROVED BY / DATE

Prepared for:

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**Mycotoxins - Colorado
Compliance**

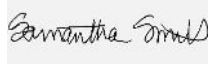
Test ID: T000284995

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.11 - 130.44	ND	N/A
Aflatoxin B1	1.01 - 33.44	ND	
Aflatoxin B2	1.01 - 33.44	ND	
Aflatoxin G1	1.08 - 33.05	ND	
Aflatoxin G2	1.11 - 33.41	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Sam Smith
28Jun2024
11:47:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
28Jun2024
11:49:00 AM MDT
APPROVED BY / DATE

**Microbial
Contaminants -
Colorado Compliance**

Test ID: T000284992

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial

(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	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
28Jun2024
10:28:00 AM MDT
PREPARED BY / DATE


Brett Hudson
28Jun2024
04:20:00 PM MDT
APPROVED BY / DATE

Prepared for:

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Cannabinoids

Test ID: T000284989

Methods: TM20 (HPLC-DAD)

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.697	0.036	0.36	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.396	ND	0.00	N/A
Total Potential THC	-	0.036	0.36	

Final ApprovalKaren Winterheimer
01Jul2024
08:37:00 AM MDT

PREPARED BY / DATE

Sam Smith
01Jul2024
08:41:00 AM MDT

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/f94e401c-bca8-4f4b-ae63-da7e6f279308>**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.

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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