

Prepared for:
House of Alchemy LLC

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

CALM Tincture

Batch ID or Lot Number: 010125	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: 17Jun2025	Started: 16Jun2025	Received: 13Jun2025	

Pesticides

Test ID: T000306360

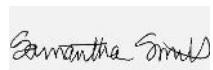
Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)
Abamectin	389 - 2670	ND	Malathion	296 - 2803
Acephate	46 - 2787	ND	Metalaxyll	41 - 2745
Acetamiprid	42 - 2739	ND	Methiocarb	45 - 2729
Azoxystrobin	43 - 2755	ND	Methomyl	42 - 2795
Bifenazate	39 - 2760	ND	MGK 264 1	163 - 1704
Boscalid	42 - 2727	ND	MGK 264 2	118 - 1092
Carbaryl	42 - 2748	ND	Myclobutanil	47 - 2680
Carbofuran	44 - 2733	ND	Naled	42 - 2715
Chlorantraniliprole	39 - 2719	ND	Oxamyl	44 - 2752
Chlorpyrifos	34 - 2761	ND	Pacllobutrazol	46 - 2715
Clofentezine	297 - 2769	ND	Permethrin	286 - 2776
Diazinon	285 - 2769	ND	Phosmet	43 - 2757
Dichlorvos	278 - 2794	ND	Prophos	319 - 2718
Dimethoate	43 - 2775	ND	Propoxur	42 - 2746
E-Fenpyroximate	284 - 2724	ND	Pyridaben	284 - 2697
Etofenprox	39 - 2727	ND	Spinosad A	30 - 2028
Etoxazole	288 - 2708	ND	Spinosad D	72 - 704
Fenoxy carb	1 - 2797	ND	Spiromesifen	278 - 2686
Fipronil	7 - 2794	ND	Spirotetramat	295 - 2708
Flonicamid	38 - 2820	ND	Spiroxamine 1	20 - 1197
Fludioxonil	317 - 2758	ND	Spiroxamine 2	26 - 1501
Hexythiazox	41 - 2726	ND	Tebuconazole	313 - 2737
Imazalil	296 - 2793	ND	Thiacloprid	43 - 2761
Imidacloprid	44 - 2819	ND	Thiamethoxam	43 - 2786
Kresoxim-methyl	43 - 2798	ND	Trifloxystrobin	42 - 2724

Final Approval


 Judith Marquez
 17Jun2025
 07:42:00 AM MDT

PREPARED BY / DATE



 Sam Smith
 17Jun2025
 07:53:00 AM MDT

APPROVED BY / DATE

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CALM Tincture

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Reported: 17Jun2025	Started: 16Jun2025	Received: 13Jun2025	

Mycotoxins - Colorado
Compliance

Test ID: T000306364

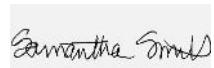
Methods: TM18 (UHPLC-QQQ)

LCMS/MS): Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.71 - 131.18	ND	N/A
Aflatoxin B1	0.90 - 32.16	ND	
Aflatoxin B2	0.87 - 32.16	ND	
Aflatoxin G1	1.00 - 32.44	ND	
Aflatoxin G2	0.90 - 32.35	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


 Judith Marquez
 18Jun2025
 08:19:00 AM MDT

PREPARED BY / DATE



 Sam Smith
 18Jun2025
 08:23:00 AM MDT

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Cannabinoids

Test ID: T000306358

Methods: TM20 (HPLC-DAD)

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.669	0.037	0.37	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.339	ND	0.00	N/A
Total Potential THC	-	0.037	0.37	

Final Approval


 Judith Marquez
 18Jun2025
 01:52:00 PM MDT

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 Sam Smith
 18Jun2025
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CALM Tincture

Batch ID or Lot Number: 010125	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 7
Reported: 17Jun2025	Started: 16Jun2025	Received: 13Jun2025	

Cannabinoids

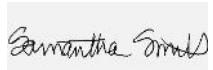
Test ID: T000306357

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

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	3.360	9.682	<LOQ	<LOQ	# of Servings = 1
Cannabichromenic Acid (CBCA)	3.073	8.855	ND	ND	Sample
Cannabidiol (CBD)	9.408	30.208	561.807	9.91	Weight=56.7g
Cannabidiolic Acid (CBDA)	9.649	30.983	ND	ND	
Cannabidivarın (CBDV)	2.225	7.145	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	4.025	12.925	ND	ND	
Cannabigerol (CBG)	1.908	5.497	67.217	1.19	
Cannabigerolic Acid (CBGA)	7.975	22.979	ND	ND	
Cannabinol (CBN)	2.489	7.171	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	5.441	15.678	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	9.502	27.376	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	8.629	24.863	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	7.645	22.028	ND	ND	
Tetrahydrocannabivarın (THCV)	1.735	5.000	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	6.744	19.430	ND	ND	
Total Cannabinoids			629.024	11.10	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			561.807	9.91	

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 Judith Marquez
 20Jun2025
 08:42:00 AM MDT



 Sam Smith
 20Jun2025
 08:44:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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Reported: 17Jun2025	Started: 16Jun2025	Received: 13Jun2025	

Residual Solvents

Test ID: T000306363

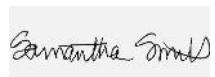
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	77 - 1545	ND	
Butanes (Isobutane, n-Butane)	144 - 2887	ND	
Methanol	56 - 1127	ND	
Pentane	76 - 1522	ND	
Ethanol	81 - 1624	ND	
Acetone	89 - 1781	ND	
Isopropyl Alcohol	91 - 1829	ND	
Hexane	6 - 110	ND	
Ethyl Acetate	91 - 1817	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	85 - 1702	ND	
Toluene	16 - 324	ND	
Xylenes (m,p,o-Xylenes)	116 - 2317	ND	

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 Judith Marquez
 20Jun2025
 08:31:00 AM MDT

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 Sam Smith
 20Jun2025
 08:33:00 AM MDT

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House of Alchemy LLC

23110 State Rd 54, Unit 361
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CALM Tincture

Batch ID or Lot Number: 010125	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 5 of 7
Reported: 17Jun2025	Started: 16Jun2025	Received: 13Jun2025	

Microbial Contaminants - Colorado Compliance

Test ID: T000306361

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


 Aimee Lowe
 20Jun2025
 11:40:00 AM MDT

PREPARED BY / DATE


 Nora Langer
 20Jun2025
 03:55:00 PM MDT

APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000306362

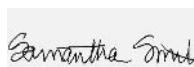
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.17 - 16.68	ND	
Cadmium	0.05 - 4.62	ND	
Mercury	0.05 - 4.66	ND	
Lead	0.24 - 24.18	ND	

Final Approval


 Judith Marquez
 23Jun2025
 02:45:00 PM MDT

PREPARED BY / DATE


 Sam Smith
 23Jun2025
 02:47:00 PM MDT

APPROVED BY / DATE

CERTIFICATE OF ANALYSIS

Prepared for:
House of Alchemy LLC

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

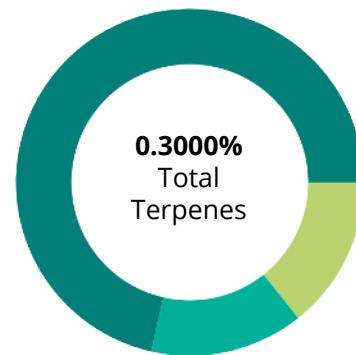
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Reported: 17Jun2025	Started: 16Jun2025	Received: 13Jun2025	

Terpenes

Test ID: T000306359

Methods: TM22 (GC-MS)	% (w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0500	0.500
beta-Myrcene	0.0100	0.100
beta-Ocimene	0.0400	0.400
Camphene	0.0000	0.000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0100	0.100
delta-3-Carene	0.0000	0.000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.000
Geraniol	0.0100	0.100
Linalool	0.0000	0.0000
Ocimene	0.0800	0.800
p-Cymene	0.0000	0.000
Terpinolene	0.1000	1.000
trans-Nerolidol	0.0000	0.0000
	0.3000	3.0000



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0000
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0500
beta-Myrcene	0.0100
d-Limonene	0.0100
delta-3-Carene	0.0000
Linalool	0.0000

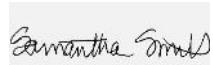
Notes

Final Approval



Judith Marquez
27Jun2025
03:13:00 PM MDT

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Sam Smith
27Jun2025
03:20:00 PM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/49fa11cd-a216-4a72-ae40-98a88e849f83>

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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