

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

CALM EXTRA Tincture

Batch ID or Lot Number: 010224XT	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 6
Reported: 03May2024	Started: 13Apr2024	Received: 29Apr2024	


Pesticides

Test ID: T000278054

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	254 - 2693	ND		Malathion	279 - 2683	ND
Acephate	40 - 2756	ND		Metalaxyl	40 - 2689	ND
Acetamiprid	37 - 2694	ND		Methiocarb	41 - 2740	ND
Azoxystrobin	43 - 2687	ND		Methomyl	37 - 2756	ND
Bifenazate	41 - 2679	ND		MGK 264 1	163 - 1640	ND
Boscalid	37 - 2738	ND		MGK 264 2	106 - 1093	ND
Carbaryl	40 - 2716	ND		Myclobutanil	42 - 2774	ND
Carbofuran	40 - 2713	ND		Naled	45 - 2668	ND
Chlorantraniliprole	36 - 2729	ND		Oxamyl	38 - 2750	ND
Chlorpyrifos	46 - 2784	ND		Paclobutrazol	40 - 2719	ND
Clofentezine	281 - 2757	ND		Permethrin	270 - 2774	ND
Diazinon	274 - 2701	ND		Phosmet	40 - 2557	ND
Dichlorvos	264 - 2713	ND		Prophos	288 - 2747	ND
Dimethoate	37 - 2714	ND		Propoxur	41 - 2721	ND
E-Fenpyroximate	257 - 2806	ND		Pyridaben	284 - 2801	ND
Etofenprox	41 - 2768	ND		Spinosad A	32 - 2096	ND
Etoxazole	286 - 2697	ND		Spinosad D	68 - 672	ND
Fenoxycarb	43 - 2663	ND		Spiromesifen	285 - 2747	ND
Fipronil	56 - 2801	ND		Spirotetramat	291 - 2781	ND
Flonicamid	40 - 2738	ND		Spiroxamine 1	15 - 1028	ND
Fludioxonil	313 - 2754	ND		Spiroxamine 2	23 - 1621	ND
Hexythiazox	42 - 2800	ND		Tebuconazole	274 - 2683	ND
Imazalil	276 - 2730	ND		Thiacloprid	40 - 2712	ND
Imidacloprid	43 - 2767	ND		Thiamethoxam	39 - 2752	ND
Kresoxim-methyl	41 - 2741	ND		Trifloxystrobin	42 - 2740	ND

Final Approval


Karen Winternheimer
03May2024
10:16:00 AM MDT
PREPARED BY / DATE


Phillip Travisano
03May2024
10:19:00 AM MDT
APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000278057
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	74 - 1490	ND	
Butanes (Isobutane, n-Butane)	156 - 3119	ND	
Methanol	61 - 1219	ND	
Pentane	83 - 1665	ND	
Ethanol	89 - 1774	ND	
Acetone	98 - 1962	ND	
Isopropyl Alcohol	104 - 2088	ND	
Hexane	6 - 122	ND	
Ethyl Acetate	101 - 2018	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	93 - 1869	ND	
Toluene	18 - 361	ND	
Xylenes (m,p,o-Xylenes)	129 - 2583	ND	

Final Approval


Karen Winternheimer
03May2024
01:11:00 PM MDT
PREPARED BY / DATE


Phillip Travisano
03May2024
01:14:00 PM MDT
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Microbial Contaminants - Colorado Compliance

Test ID: T000278055
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
<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



	Brett Hudson 03May2024 12:13:00 PM MDT		Brianne Maillot 04May2024 07:30:00 PM MDT
PREPARED BY / DATE		APPROVED BY / DATE	

Mycotoxins - Colorado Compliance

Test ID: T000278058
Methods: TM18 (UHPLC-QQQ)
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.46 - 131.15	ND	N/A
Aflatoxin B1	0.99 - 32.65	ND	
Aflatoxin B2	1.09 - 32.75	ND	
Aflatoxin G1	0.93 - 32.91	ND	
Aflatoxin G2	1.09 - 33.13	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

	Karen Winternheimer 06May2024 02:39:00 PM MDT		Colin Hendrickson 06May2024 02:40:00 PM MDT
PREPARED BY / DATE		APPROVED BY / DATE	

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Cannabinoids - Colorado Compliance

Test ID: T000278051
Methods: TM14 (HPLC-DAD): Potency - Full Spectrum
Analysis, 0.3% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	3.550	12.247	19.699	0.35	# of Servings = 1 Sample Weight=56.7g
Cannabichromenic Acid (CBCA)	3.247	11.202	ND	ND	
Cannabidiol (CBD)	10.987	31.475	1104.996	19.49	
Cannabidiolic Acid (CBDA)	11.269	32.282	ND	ND	
Cannabidivarin (CBDV)	2.599	7.444	16.839	0.30	
Cannabidivarinic Acid (CBDVA)	4.701	13.466	ND	ND	
Cannabigerol (CBG)	2.016	6.953	82.073	1.45	
Cannabigerolic Acid (CBGA)	8.426	29.068	ND	ND	
Cannabinol (CBN)	2.630	9.071	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	5.749	19.832	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	10.039	34.630	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	9.117	31.451	39.510	0.70	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	8.078	27.865	ND	ND	
Tetrahydrocannabivarin (THCV)	1.833	6.325	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	7.125	24.578	ND	ND	
Total Cannabinoids			1263.117	22.29	
Total Potential THC			39.510	0.70	
Total Potential CBD			1104.996	19.49	

Final Approval


Karen Winternheimer
06May2024
11:39:00 AM MDT
PREPARED BY / DATE



Phillip Travisano
06May2024
11:41:00 AM MDT
APPROVED BY / DATE

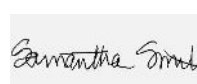
Heavy Metals - Colorado Compliance

Test ID: T000278056
Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.51	ND	
Cadmium	0.05 - 4.60	ND	
Mercury	0.05 - 4.64	ND	
Lead	0.01 - 0.64	ND	

Final Approval


Karen Winternheimer
07May2024
05:24:00 PM MDT
PREPARED BY / DATE


Sam Smith
08May2024
01:31:00 PM MDT
APPROVED BY / DATE

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Cannabinoids

Test ID: T000278052	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Methods: TM20 (HPLC-DAD)				
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.683	0.075	0.75	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.367	ND	0.00	N/A
Total Potential THC	-	0.075	0.75	

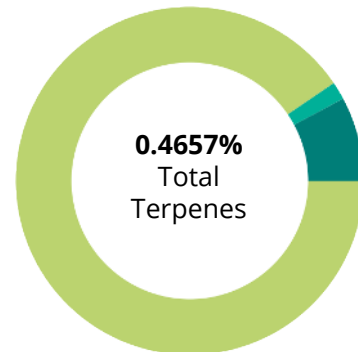
Final Approval


Sam Smith
09May2024
11:47:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
09May2024
11:49:00 AM MDT
APPROVED BY / DATE

Terpenes

Test ID: T000278053	%(w/w)	(mg/g)
Methods: TM22 (GC-MS)		
(-)-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	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0312	0.312
beta-Myrcene	0.0035	0.035
beta-Ocimene	0.0248	0.248
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0066	0.066
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0095	0.095
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.3601	3.601
Ocimene	0.0300	0.300
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
0.4657	4.6570	





PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0000
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0312
beta-Myrcene	0.0035
d-Limonene	0.0066
delta-3-Carene	0.0000
Linalool	0.3601

Notes

Final Approval


Sam Smith
14May2024
02:36:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
14May2024
02:37:00 PM MDT
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<https://results.botanacor.com/api/v1/coas/uuid/57f30025-6abe-4489-bfc5-809dc68c0ced>

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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