

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

SOOTHE Salve

Batch ID or Lot Number: 070124	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 8
Reported: 14Jun2024	Started: 13Jun2024	Received: 12Jun2024	


Pesticides


Test ID: T000282432

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	304 - 2709	ND		Malathion	292 - 2701	ND
Acephate	42 - 2773	ND		Metalaxyl	40 - 2735	ND
Acetamiprid	40 - 2733	ND		Methiocarb	40 - 2838	ND
Azoxystrobin	41 - 2736	ND		Methomyl	44 - 2762	ND
Bifenazate	37 - 2702	ND		MGK 264 1	166 - 1642	ND
Boscalid	30 - 2789	ND		MGK 264 2	105 - 1079	ND
Carbaryl	35 - 2742	ND		Myclobutanil	38 - 2769	ND
Carbofuran	44 - 2699	ND		Naled	39 - 2658	ND
Chlorantraniliprole	43 - 2637	ND		Oxamyl	42 - 2777	ND
Chlorpyrifos	51 - 2793	ND		Paclobutrazol	43 - 2688	ND
Clofentezine	272 - 2725	ND		Permethrin	269 - 2763	ND
Diazinon	288 - 2748	ND		Phosmet	38 - 2607	ND
Dichlorvos	293 - 2789	ND		Prophos	282 - 2800	ND
Dimethoate	43 - 2741	ND		Propoxur	40 - 2707	ND
E-Fenpyroximate	280 - 2804	ND		Pyridaben	274 - 2792	ND
Etofenprox	41 - 2796	ND		Spinosad A	32 - 2113	ND
Etoazole	266 - 2690	ND		Spinosad D	63 - 678	ND
Fenoxycarb	46 - 3510	ND		Spiromesifen	226 - 2779	ND
Fipronil	37 - 2722	ND		Spirotetramat	285 - 2752	ND
Flonicamid	32 - 2796	ND		Spiroxamine 1	16 - 1061	ND
Fludioxonil	293 - 2699	ND		Spiroxamine 2	21 - 1505	ND
Hexythiazox	28 - 2808	ND		Tebuconazole	276 - 2710	ND
Imazalil	297 - 2730	ND		Thiacloprid	43 - 2749	ND
Imidacloprid	43 - 2775	ND		Thiamethoxam	37 - 2790	ND
Kresoxim-methyl	34 - 2760	ND		Trifloxystrobin	41 - 2728	ND

Final Approval


Sam Smith
14Jun2024
09:26:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
14Jun2024
09:27:00 AM MDT
APPROVED BY / DATE

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Heavy Metals - Colorado Compliance

Test ID: T000282434
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 5.23	ND	
Cadmium	0.05 - 4.99	ND	
Mercury	0.05 - 4.86	ND	
Lead	0.05 - 4.89	ND	

Final Approval



 K. Winternheimer PREPARED BY / DATE	Karen Winternheimer 14Jun2024 02:06:00 PM MDT	 S. Smith APPROVED BY / DATE	Sam Smith 14Jun2024 02:38:00 PM MDT
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Cannabinoids

Test ID: T000282430
Methods: TM20 (HPLC-DAD)

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.674	0.019	0.19	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.350	ND	0.00	N/A
Total Potential THC	-	0.019	0.19	

Final Approval

 K. Winternheimer PREPARED BY / DATE	Karen Winternheimer 17Jun2024 10:27:00 AM MDT	 S. Smith APPROVED BY / DATE	Sam Smith 17Jun2024 10:31:00 AM MDT
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Microbial Contaminants - Colorado Compliance


Test ID: T000282433
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
17Jun2024
03:08:00 PM MDT

PREPARED BY / DATE


Brianne Maillot
17Jun2024
03:46:00 PM MDT

APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000282435
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	72 - 1450	ND	
Butanes (Isobutane, n-Butane)	146 - 2921	ND	
Methanol	57 - 1139	ND	
Pentane	77 - 1537	ND	
Ethanol	86 - 1726	ND	
Acetone	89 - 1783	ND	
Isopropyl Alcohol	95 - 1904	ND	
Hexane	6 - 111	ND	
Ethyl Acetate	93 - 1850	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	85 - 1703	ND	
Toluene	17 - 334	ND	
Xylenes (m,p,o-Xylenes)	123 - 2453	ND	

Final Approval


Karen Winternheimer
18Jun2024
10:14:00 AM MDT
PREPARED BY / DATE


Sam Smith
18Jun2024
10:13:00 AM MDT
APPROVED BY / DATE

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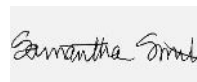
Cannabinoids - Colorado Compliance

Test ID: T000282429
Methods: TM14 (HPLC-DAD): Potency - Full Spectrum
Analysis, 0.3% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	2.836	10.659	<LOQ	<LOQ	# of Servings = 1 Sample Weight=56.7g
Cannabichromenic Acid (CBCA)	2.594	9.749	ND	ND	
Cannabidiol (CBD)	10.328	28.436	324.668	5.73	
Cannabidiolic Acid (CBDA)	10.593	29.166	ND	ND	
Cannabidivarin (CBDV)	2.443	6.725	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	4.419	12.166	ND	ND	
Cannabigerol (CBG)	1.610	6.052	10.621	0.19	
Cannabigerolic Acid (CBGA)	6.732	25.299	ND	ND	
Cannabinol (CBN)	2.101	7.895	ND	ND	
Cannabinolic Acid (CBNA)	4.593	17.260	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	8.020	30.140	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	7.284	27.372	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	6.453	24.252	ND	ND	
Tetrahydrocannabivarin (THCV)	1.465	5.505	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	5.692	21.391	ND	ND	
Total Cannabinoids			335.289	5.92	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			324.668	5.73	

Final Approval


Karen Winternheimer
18Jun2024
01:17:00 PM MDT
PREPARED BY / DATE


Sam Smith
18Jun2024
01:19:00 PM MDT
APPROVED BY / DATE

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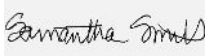
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Mycotoxins - Colorado Compliance

Test ID: T000282436
Methods: TM18 (UHPLC-QQQ)
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.22 - 129.40	ND	N/A
Aflatoxin B1	0.95 - 32.64	ND	
Aflatoxin B2	1.05 - 32.29	ND	
Aflatoxin G1	0.98 - 32.35	ND	
Aflatoxin G2	1.14 - 32.67	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Sam Smith
20Jun2024
09:39:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
20Jun2024
09:41:00 AM MDT
APPROVED BY / DATE

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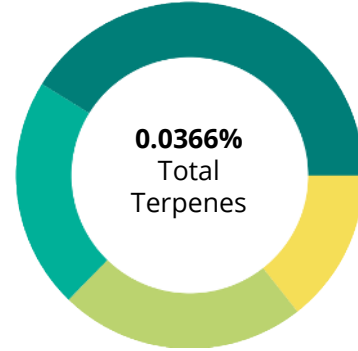
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Terpenes

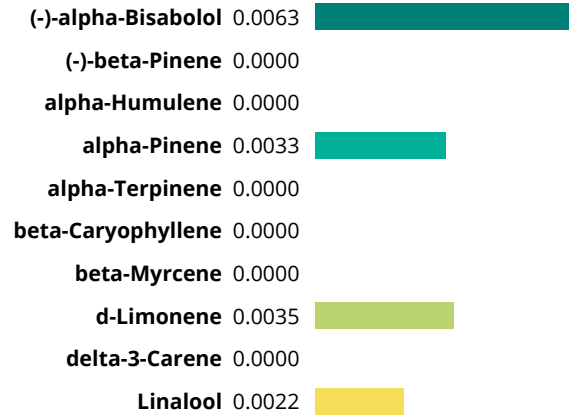
Test ID: T000282431

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0063	0.063
(-)-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	0.0033	0.033
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0000	0.0000
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0096	0.096
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0035	0.035
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0078	0.078
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0022	0.022
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0007	0.007
trans-Nerolidol	0.0032	0.032
	0.0366	0.3660



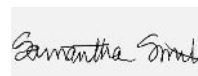
PREDOMINANT TERPENES



Notes

Final Approval


Karen Winternheimer
27Jun2024
11:14:00 AM MDT
PREPARED BY / DATE


Sam Smith
27Jun2024
11:16:00 AM MDT
APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/f7717a3b-7699-4126-af89-2fbd4afcf383>

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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