

Prepared for:

House of Alchemy LLC

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

HEAL Horse Tincture

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 7
060223	Various	Finished Product	
Reported:	Started:	Received:	
28Dec2023	28Dec2023	27Dec2023	

Residual Solvents -Colorado Compliance

Test ID: T000265880			
Methods: TM04 (GC-MS): Residual			
Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	110 - 2198	ND	
Butanes (Isobutane, n-Butane)	203 - 4065	ND	
Methanol	67 - 1347	ND	
Pentane	94 - 1885	ND	
Ethanol	96 - 1913	ND	
Acetone	109 - 2182	ND	
Isopropyl Alcohol	112 - 2237	ND	
Hexane	7 - 134	ND	
Ethyl Acetate	109 - 2179	ND	
Benzene	0.2 - 4.4	ND	
Heptanes	106 - 2127	ND	
Toluene	20 - 397	ND	
Xylenes (m,p,o-Xylenes)	142 - 2848	ND	

Final Approval



Karen Winternheimer 28Dec2023 Manheimen 01:14:00 PM MST

Sam Smith Somertha Smith 28Dec2023 01:16:00 PM MST APPROVED BY / DATE

PREPARED BY / DATE



Prepared for:

House of Alchemy LLC

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

HEAL Horse Tincture

Batch ID or Lot Number: 060223	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 2 of 7	
Reported: 28Dec2023	Started: 28Dec2023	Received: 27Dec2023		

Cannabinoids - Colorado

Compliance

Test ID: T000265875 Methods: TM14 (HPLC-DAD): Potency - Full Spectrum

Analysis, 0.3% THC	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	9.171	25.988	38.617	0.34	# of Servings = ?
Cannabichromenic Acid (CBCA)	8.388	23.770	ND	ND	Sample
Cannabidiol (CBD)	23.219	62.608	11072.465	97.64	Weight=113.4g
Cannabidiolic Acid (CBDA)	23.815	64.214	ND	ND	
Cannabidivarin (CBDV)	5.492	14.807	119.755	1.06	
Cannabidivarinic Acid (CBDVA)	9.934	26.787	ND	ND	
Cannabigerol (CBG)	5.207	14.755	174.120	1.54	
Cannabigerolic Acid (CBGA)	21.767	61.682	ND	ND	
Cannabinol (CBN)	6.793	19.249	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabinolic Acid (CBNA)	14.851	42.084	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	25.932	73.485	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	23.551	66.738	227.894	2.01	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	20.866	59.130	ND	ND	
Tetrahydrocannabivarin (THCV)	4.736	13.421	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	18.405	52.155	ND	ND	
Total Cannabinoids			11632.851	102.59	
Total Potential THC			227.894	2.01	
Total Potential CBD			11072.465	97.64	

Final Approval

Sam Smith Samontha Small 03Jan2024 06:05:00 PM MST PREPARED BY / DATE

APPROVED BY / DATE

Karen Winternheimer 03Jan2024 Wittenheimen 06:07:00 PM MST



Prepared for:

House of Alchemy LLC

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

REAL HOISE INICLUIE			Eat	2, 1 2 011100 50	
Batch ID or Lot Number: 060223	Test, Test ID and Various	Methods:	Matrix: Finished Product		Page 3 of 7
Reported: 28Dec2023	Started: 28Dec2023		Received: 27Dec2023		
			270002025		
Microbial					
Contaminants -					
Colorado Compliance Test ID: T000265878 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
Salmonella	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	— foreign matter
	TM24: Culture				_
Total Yeast and Mold*	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 Brianne, Maillot 11:56:00 AM MST	ke	at ledur	Brett Hudson 02Jan2024 12:59:00 PM MST		
PREPARED BY / DATE	APPF	ROVED BY / DATE			
Mycotoxins - Colorado					
Compliance Test ID: T000265881 Methods: TM18 (UHPLC-QQQ					
LCMS/MS): Mycotoxins	Dynamic Range	(ppb)	Result (ppb)		Notes
Ochratoxin A	2.27 - 127.81		ND		N/A
Aflatoxin B1	0.99 - 33.00		ND		
Aflatoxin B2	0.99 - 33.16		ND		
Aflatoxin G1	1.05 - 33.00		ND		
Aflatoxin G2	1.12 - 33.35		ND		
Total Aflatoxins (B1, B2, G1, and G2)			ND		_
Final Approval					
Sam Smith O2Jan2024 10:05:00 AM MST PREPARED BY / DATE		Winternheimer Roved by / date	Karen Winternheimer 02Jan2024 10:10:00 AM MST		

HEAL Horse Tincture



Prepared for:

House of Alchemy LLC

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

HEAL Horse Tincture

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 4 of 7
060223	Various	Finished Product	
Reported:	Started:	Received:	
28Dec2023	28Dec2023	27Dec2023	

Heavy Metals -**Colorado Compliance**

Test ID: T000265879

Methods: TM19 (ICP-MS): Heavy			
Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.24	ND	
Cadmium	0.04 - 4.11	ND	
Mercury	0.04 - 4.27	ND	
Lead	0.04 - 4.08	ND	

Final Approval

Samantha Small 03Jan2024 10:38:00 AM MST PREPARED BY / DATE

Sam Smith

APPROVED BY / DATE

Karen Winternheimer 03Jan2024 Witemheimen 10:41:00 AM MST



Prepared for:

House of Alchemy LLC

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

HEAL Horse Tincture		Lutz, FL Ur		
Batch ID or Lot Number: 060223	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 5 of 7	
Reported: 28Dec2023	Started: 28Dec2023	Received: 27Dec2023		

Pesticides

Test ID: T000265877

Methods: TM17		
(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)
Abamectin	313 - 2683	ND
Acephate	42 - 2718	ND
Acetamiprid	44 - 2701	ND
Azoxystrobin	46 - 2713	ND
Bifenazate	46 - 2730	ND
Boscalid	47 - 2764	ND
Carbaryl	44 - 2699	ND
Carbofuran	43 - 2699	ND
Chlorantraniliprole	44 - 2788	ND
Chlorpyrifos	53 - 2703	ND
Clofentezine	288 - 2742	ND
Diazinon	278 - 2719	ND
Dichlorvos	288 - 2694	ND
Dimethoate	43 - 2704	ND
E-Fenpyroximate	276 - 2764	ND
Etofenprox	47 - 2700	ND
Etoxazole	290 - 2635	ND
Fenoxycarb	49 - 2754	ND
Fipronil	56 - 2686	ND
Flonicamid	46 - 2747	ND
Fludioxonil	303 - 2742	ND
Hexythiazox	49 - 2725	ND
Imazalil	274 - 2745	ND
Imidacloprid	40 - 2749	ND
Kresoxim-methyl	46 - 2760	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	290 - 2696	ND
Metalaxyl	44 - 2712	ND
Methiocarb	43 - 2781	ND
Methomyl	42 - 2742	ND
MGK 264 1	170 - 1624	ND
MGK 264 2	117 - 1075	ND
Myclobutanil	13 - 2763	ND
Naled	45 - 2672	ND
Oxamyl	42 - 2752	ND
Paclobutrazol	42 - 2697	ND
Permethrin	286 - 2754	ND
Phosmet	45 - 2614	ND
Prophos	298 - 2772	ND
Propoxur	44 - 2715	ND
Pyridaben	301 - 2685	ND
Spinosad A	33 - 2090	ND
Spinosad D	63 - 664	ND
Spiromesifen	269 - 2716	ND
Spirotetramat	272 - 2795	ND
Spiroxamine 1	17 - 1053	ND
Spiroxamine 2	27 - 1616	ND
Tebuconazole	281 - 2738	ND
Thiacloprid	45 - 2702	ND
Thiamethoxam	43 - 2744	ND
Trifloxystrobin	48 - 2729	ND

Final Approval

Sawantha Small	Sam Smith 04Jan2024 09:17:00 AN
----------------	---------------------------------------

7:00 AM MST

Karen Winternheimer 04Jan2024 09:21:00 AM MST APPROVED BY / DATE

PREPARED BY / DATE



HEAL Horse Tincture

CERTIFICATE OF ANALYSIS

Prepared for: **House of Alchemy LLC**

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

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 6 of 7
060223	Various	Finished Product	
Reported:	Started:	Received:	
28Dec2023	28Dec2023	27Dec2023	

Terpenes

Test ID: T000265876

Methods: TM22 (GC-MS)	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0090	0.090
(-)-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	0.0006	0.006
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	0.0096	0.0960

0.0096% Total Terpenes
PREDOMINANT TERPENES
(-)-alpha-Bisabolol 0.0090
(-)-beta-Pinene 0.0000
alpha-Humulene 0.0000
alpha-Pinene 0.0000
alpha-Terpinene 0.0000
beta-Caryophyllene 0.0006
beta-Myrcene 0.0000
d-Limonene 0.0000
delta-3-Carene 0.0000
Linalool 0.0000
Notes

Final Approval

Sawantha Smith	Sam Smith 08Jan2024 09:27:00 AM MST
PREPARED BY / DATE	

APPROVED BY / DATE

Karen Winternheimer 08Jan2024 Writersheimen 09:28:00 AM MST



Prepared for:

House of Alchemy LLC

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

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 7 of 7
060223	Various	Finished Product	
Reported:	Started:	Received:	
28Dec2023	28Dec2023	27Dec2023	



Definitions

https://results.botanacor.com/api/v1/coas/uuid/51453cab-5eec-4613-a91b-a3da269d21f5

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 by dynamic range of the method), 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.



Cert #4329.02 51453cab5eec4613a91ba3da269d21f5.1