SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

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
060125	Various	Finished Product	
Reported:	**Started:**	**Received:**	
17Jun2025	16Jun2025	13Jun2025	

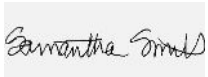
Pesticides

Test ID: T000306398
Methods: TM17

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

Final Approval


Judith Marquez
17Jun2025
07:42:00 AM MDT
PREPARED BY / DATE


Sam Smith
17Jun2025
07:53:00 AM MDT
APPROVED BY / DATE

Cannabinoids

Test ID: T000306396
Methods: TM20 (HPLC-DAD)

	Dynamic Range (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.685	0.142	1.42	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.372	ND	0.00	N/A
Total Potential THC	**-**	**0.142**	**1.42**	

Final Approval


Judith Marquez
18Jun2025
01:52:00 PM MDT
PREPARED BY / DATE


Sam Smith
18Jun2025
01:55:00 PM MDT
APPROVED BY / DATE

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Mycotoxins - Colorado Compliance

Test ID: T000306402
Methods: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	**Result** (ppb)	**Notes**
Ochratoxin A	2.82 - 136.39	ND	N/A
Aflatoxin B1	0.94 - 33.44	ND	
Aflatoxin B2	0.91 - 33.44	ND	
Aflatoxin G1	1.04 - 33.73	ND	
Aflatoxin G2	0.94 - 33.64	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
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APPROVED BY / DATE

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

Residual Solvents

Test ID: T000306401
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	84 - 1681	ND	
Butanes (Isobutane, n-Butane)	157 - 3141	ND	
Methanol	61 - 1226	ND	
Pentane	83 - 1656	ND	
Ethanol	88 - 1766	ND	
Acetone	97 - 1938	ND	
Isopropyl Alcohol	99 - 1990	ND	
Hexane	6 - 120	ND	
Ethyl Acetate	99 - 1976	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	93 - 1851	ND	
Toluene	18 - 353	ND	
Xylenes (m,p,o-Xylenes)	126 - 2521	ND	

Final Approval


Judith Marquez
20Jun2025
08:31:00 AM MDT
PREPARED BY / DATE


Sam Smith
20Jun2025
08:33:00 AM MDT
APPROVED BY / DATE

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Prepared for:

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HEAL Horse Tincture

Batch ID or Lot Number:	Test:	Reported:	USDA License:
060125	**Potency**	**01Jul2025**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000307143	30Jun2025	N/A
	Method(s): TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC	Received: 27Jun2025	Status: Active

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	6.745	20.786	47.196	0.42	# of Servings = 1 Sample Weight=113.4g
Cannabichromenic Acid (CBCA)	6.169	19.012	ND	ND	
Cannabidiol (CBD)	22.289	66.797	10392.161	91.64	
Cannabidiolic Acid (CBDA)	22.861	68.510	ND	ND	
Cannabidivarin (CBDV)	5.272	15.798	55.196	0.49	
Cannabidivarinic Acid (CBDVA)	9.536	28.579	ND	ND	
Cannabigerol (CBG)	3.830	11.802	130.701	1.15	
Cannabigerolic Acid (CBGA)	16.009	49.336	ND	ND	
Cannabinol (CBN)	4.996	15.396	ND	ND	
Cannabinolic Acid (CBNA)	10.923	33.661	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	19.073	58.777	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	17.321	53.380	144.085	1.27	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	15.347	47.295	ND	ND	
Tetrahydrocannabivarin (THCV)	3.483	10.735	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	13.537	41.716	ND	ND	
Total Cannabinoids			**10769.339**	**94.97**	
Total Potential THC			144.085	1.27	
Total Potential CBD			10392.161	91.64	

Final Approval

Judith Marquez
01Jul2025
10:52:00 AM MDT

PREPARED BY / DATE

Sam Smith
01Jul2025
10:55:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/c271ed51-9ff8-4221-82d4-6b8284a694c7

Definitions
% = % (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)).

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Microbial Contaminants - Colorado Compliance

Test ID: T000306399
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: T000306400
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

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060125	Various	Finished Product	

Reported:	Started:	Received:
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Terpenes

Test ID: T000306397

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	0.0000
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	0.0000	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
	0.0000	**0.0000**

0.0000%
Total
Terpenes

PREDOMINANT TERPENES

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

Notes

Final Approval

Judith Marquez
27Jun2025
03:13:00 PM MDT
PREPARED BY / DATE

Sam Smith
27Jun2025
03:20:00 PM MDT
APPROVED BY / DATE

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060125	Various	Finished Product	
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17Jun2025	16Jun2025	13Jun2025	

https://results.botanacor.com/api/v1/coas/uuid/16b88329-c8a4-4158-bce9-9b10c33dd268

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.

Cert #4329.02
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