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

EASE Horse Tincture

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 6
050124	Various	Finished Product	
Reported:	Started:	Received:	
12Feb2024	09Feb2024	07Feb2024	

Heavy Metals - Colorado Compliance

Test ID: T000267730
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 4.47	ND	
Cadmium	0.05 - 4.51	ND	
Mercury	0.05 - 4.74	ND	
Lead	0.05 - 4.82	ND	

Final Approval

Sam Smith
09Feb2024
01:45:00 PM MST
PREPARED BY / DATE

Karen Winternheimer
12Feb2024
11:24:00 AM MST
APPROVED BY / DATE

Microbial Contaminants - Colorado Compliance

Test ID: T000267729
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

Brianne Maillot
12Feb2024
10:08:00 AM MST
PREPARED BY / DATE

Eden Thompson-Wright
12Feb2024
10:40:00 AM MST
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Reported:	Started:	Received:	
12Feb2024	09Feb2024	07Feb2024	

Residual Solvents - Colorado Compliance

Test ID: T000267731
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	94 - 1888	ND	
Butanes (Isobutane, n-Butane)	173 - 3458	ND	
Methanol	63 - 1265	ND	
Pentane	92 - 1836	ND	
Ethanol	90 - 1792	ND	
Acetone	103 - 2064	ND	
Isopropyl Alcohol	98 - 1961	ND	
Hexane	6 - 125	ND	
Ethyl Acetate	101 - 2022	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	100 - 1998	ND	
Toluene	18 - 368	ND	
Xylenes (m,p,o-Xylenes)	129 - 2570	ND	

Final Approval

Sam Smith
12Feb2024
12:46:00 PM MST
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Karen Winternheimer
12Feb2024
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Official Compliance: Colorado

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

EASE Horse Tincture

Batch ID or Lot Number:	Test:	Reported:	USDA License:
050124	**Potency**	**06Mar2024**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000271091	04Mar2024	N/A
	Method(s): TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC	Received: 29Feb2024	Status: Active

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	7.752	26.094	51.623	0.46	# of Servings = 1 Sample Weight=113.4g
Cannabichromenic Acid (CBCA)	7.091	23.867	26.261	0.23	
Cannabidiol (CBD)	22.730	66.405	7125.170	62.83	
Cannabidiolic Acid (CBDA)	23.313	68.108	ND	ND	
Cannabidivarin (CBDV)	5.376	15.705	97.720	0.86	
Cannabidivarinic Acid (CBDVA)	9.725	28.411	ND	ND	
Cannabigerol (CBG)	4.402	14.815	163.459	1.44	
Cannabigerolic Acid (CBGA)	18.400	61.934	ND	ND	
Cannabinol (CBN)	5.742	19.328	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	12.554	42.256	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	21.921	73.786	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	19.909	67.011	196.682	1.73	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	17.639	59.372	ND	ND	
Tetrahydrocannabivarin (THCV)	4.004	13.476	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	15.558	52.369	ND	ND	
Total Cannabinoids			**7660.915**	**67.55**	
Total Potential THC			196.682	1.73	
Total Potential CBD			7125.170	62.83	

Final Approval

Karen Winternheimer
06Mar2024
12:56:00 PM MST
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Phillip Travisano
06Mar2024
12:58:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/8076eceb-63fe-432e-a8a7-904ccb95462f

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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Reported:	**Started:**	**Received:**	
12Feb2024	09Feb2024	07Feb2024	

Pesticides

Test ID: T000267728
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	320 - 2746	ND
Acephate	41 - 2688	ND
Acetamiprid	44 - 2659	ND
Azoxystrobin	46 - 2651	ND
Bifenazate	42 - 2659	ND
Boscalid	49 - 2828	ND
Carbaryl	42 - 2695	ND
Carbofuran	43 - 2694	ND
Chlorantraniliprole	46 - 2818	ND
Chlorpyrifos	55 - 2650	ND
Clofentezine	288 - 2737	ND
Diazinon	301 - 2655	ND
Dichlorvos	281 - 2747	ND
Dimethoate	42 - 2674	ND
E-Fenpyroximate	271 - 2792	ND
Etofenprox	45 - 2671	ND
Etoxazole	297 - 2600	ND
Fenoxycarb	48 - 2687	ND
Fipronil	46 - 2791	ND
Flonicamid	48 - 2749	ND
Fludioxonil	344 - 2709	ND
Hexythiazox	45 - 2705	ND
Imazalil	284 - 2700	ND
Imidacloprid	48 - 2725	ND
Kresoxim-methyl	44 - 2691	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	300 - 2671	ND
Metalaxyl	46 - 2667	ND
Methiocarb	44 - 2834	ND
Methomyl	43 - 2708	ND
MGK 264 1	161 - 1633	ND
MGK 264 2	107 - 1077	ND
Myclobutanil	45 - 2828	ND
Naled	51 - 2656	ND
Oxamyl	40 - 2726	ND
Paclobutrazol	44 - 2665	ND
Permethrin	308 - 2748	ND
Phosmet	40 - 2532	ND
Prophos	291 - 2856	ND
Propoxur	44 - 2694	ND
Pyridaben	301 - 2700	ND
Spinosad A	34 - 2055	ND
Spinosad D	69 - 642	ND
Spiromesifen	261 - 2688	ND
Spirotetramat	284 - 2725	ND
Spiroxamine 1	16 - 1064	ND
Spiroxamine 2	23 - 1667	ND
Tebuconazole	282 - 2671	ND
Thiacloprid	44 - 2685	ND
Thiamethoxam	40 - 2708	ND
Trifloxystrobin	44 - 2698	ND

Final Approval

Karen Winternheimer
14Feb2024
12:13:00 PM MST
PREPARED BY / DATE

Sam Smith
14Feb2024
12:15:00 PM MST
APPROVED BY / DATE

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EASE Horse Tincture

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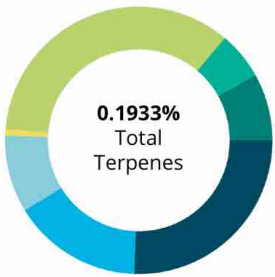
050124	Various	Finished Product	
Reported:	**Started:**	**Received:**	
12Feb2024	09Feb2024	07Feb2024	

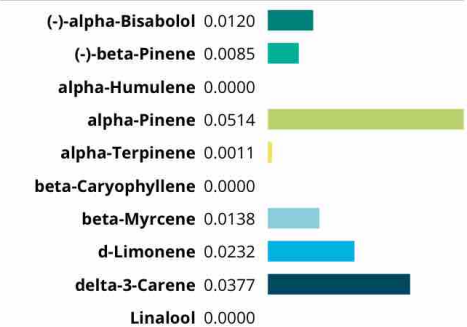
Terpenes

Test ID: T000267727

Methods: TM22 (GC-MS)	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0120	0.120
(-)-beta-Pinene	0.0085	0.085
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.0514	0.514
alpha-Terpinene	0.0011	0.011
beta-Caryophyllene	0.0000	0.0000
beta-Myrcene	0.0138	0.138
beta-Ocimene	0.0094	0.094
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0232	0.232
delta-3-Carene	0.0377	0.377
Eucalyptol	0.0259	0.259
gamma-Terpinene	0.0058	0.058
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0028	0.028
p-Cymene	0.0000	0.0000
Terpinolene	0.0017	0.017
trans-Nerolidol	0.0000	0.0000
	0.1933	**1.9330**



PREDOMINANT TERPENES



Notes

Final Approval

Karen Winternheimer
16Feb2024
11:19:00 AM MST
PREPARED BY / DATE

Sam Smith
16Feb2024
11:25:00 AM MST
APPROVED BY / DATE

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050124	Various	Finished Product	
Reported:	**Started:**	**Received:**	
12Feb2024	09Feb2024	07Feb2024	

Mycotoxins - Colorado Compliance

Test ID: T000267732
Methods: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	**Result** (ppb)	**Notes**
Ochratoxin A	2.37 - 133.66	ND	N/A
Aflatoxin B1	0.96 - 34.36	ND	
Aflatoxin B2	0.99 - 34.17	ND	
Aflatoxin G1	0.99 - 34.40	ND	
Aflatoxin G2	0.99 - 34.63	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

Karen Winternheimer
18Feb2024
10:21:00 AM MST
PREPARED BY / DATE

Sam Smith
18Feb2024
10:23:00 AM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/8dedc9c8-7072-44c4-9404-6a647f9b20ae

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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