SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
Chill Paws LLC
1639 11th Street A149
Santa Monica, CA USA 90404

LB-O-60402

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 6
BH-8672-22	Various	Finished Product	
Reported:	Started:	Received:	
15May2023	12May2023	12May2023	

Microbial Contaminants - Colorado Compliance

Test ID: T000243924
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

Eden Thompson-Wright
15May2023
12:30:00 PM MDT
PREPARED BY / DATE

Eden Thompson-Wright
15May2023
04:07:00 PM MDT
APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000243925
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	Notes
Arsenic	0.05 - 4.78	ND	
Cadmium	0.05 - 4.90	ND	
Mercury	0.05 - 4.85	ND	
Lead	0.01 - 1.44	ND	

Final Approval

Sam Smith
16May2023
09:21:00 AM MDT
PREPARED BY / DATE

Karen Winternheimer
16May2023
09:26:00 AM MDT
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Residual Solvents - Colorado Compliance

Test ID: T000243926
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	87 - 1733	ND	
Butanes (Isobutane, n-Butane)	177 - 3535	ND	
Methanol	56 - 1126	ND	
Pentane	88 - 1766	ND	
Ethanol	91 - 1824	ND	
Acetone	89 - 1775	ND	
Isopropyl Alcohol	91 - 1823	ND	
Hexane	5 - 106	ND	
Ethyl Acetate	89 - 1785	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	94 - 1876	ND	
Toluene	17 - 331	ND	
Xylenes (m,p,o-Xylenes)	121 - 2429	ND	

Final Approval

Samantha Smith
Sam Smith
16May2023
09:27:00 AM MDT
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K Winternheimer
Karen Winternheimer
16May2023
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Mycotoxins - Colorado Compliance

Test ID: T000243927
Methods: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	**Result** (ppb)	**Notes**
Ochratoxin A	3.86 - 130.38	ND	N/A
Aflatoxin B1	0.96 - 33.09	ND	
Aflatoxin B2	0.96 - 33.35	ND	
Aflatoxin G1	1.03 - 32.93	ND	
Aflatoxin G2	1.06 - 33.67	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

Sam Smith
17May2023
09:54:00 AM MDT
PREPARED BY / DATE

Karen Winternheimer
17May2023
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Cannabinoids - Colorado Compliance

Test ID: T000243922
Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	**LOD** (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	2.140	6.292	8.861	0.31	# of Servings = 1 Sample Weight=28.4g
Cannabichromenic Acid (CBCA)	1.957	5.755	ND	ND	
Cannabidiol (CBD)	6.194	16.502	263.711	9.29	
Cannabidiolic Acid (CBDA)	6.353	16.925	ND	ND	
Cannabidivarin (CBDV)	1.465	3.903	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.650	7.060	ND	ND	
Cannabigerol (CBG)	1.215	3.572	4.786	0.17	
Cannabigerolic Acid (CBGA)	5.078	14.934	ND	ND	
Cannabinol (CBN)	1.585	4.661	ND	ND	
Cannabinolic Acid (CBNA)	3.465	10.189	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	6.050	17.792	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	5.494	16.158	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.868	14.316	ND	ND	
Tetrahydrocannabivarin (THCV)	1.105	3.249	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	4.294	12.628	ND	ND	
Total Cannabinoids			**277.358**	**9.77**	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			263.711	9.29	

Final Approval

Karen Winternheimer
17May2023
03:31:00 PM MDT
PREPARED BY / DATE

Sam Smith
17May2023
03:33:00 PM MDT
APPROVED BY / DATE

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Pesticides

Test ID: T000243923
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	287 - 2721	ND
Acephate	42 - 2676	ND
Acetamiprid	40 - 2706	ND
Azoxystrobin	40 - 2722	ND
Bifenazate	41 - 2732	ND
Boscalid	40 - 2717	ND
Carbaryl	38 - 2735	ND
Carbofuran	40 - 2721	ND
Chlorantraniliprole	35 - 2741	ND
Chlorpyrifos	39 - 2776	ND
Clofentezine	282 - 2744	ND
Diazinon	275 - 2730	ND
Dichlorvos	256 - 2686	ND
Dimethoate	40 - 2705	ND
E-Fenpyroximate	287 - 2791	ND
Etofenprox	41 - 2746	ND
Etoxazole	305 - 2725	ND
Fenoxycarb	10 - 2732	ND
Fipronil	31 - 2693	ND
Flonicamid	47 - 2768	ND
Fludioxonil	270 - 2725	ND
Hexythiazox	42 - 2755	ND
Imazalil	284 - 2751	ND
Imidacloprid	43 - 2757	ND
Kresoxim-methyl	45 - 2766	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	280 - 2746	ND
Metalaxyl	42 - 2748	ND
Methiocarb	44 - 2778	ND
Methomyl	41 - 2741	ND
MGK 264 1	171 - 1688	ND
MGK 264 2	116 - 1076	ND
Myclobutanil	48 - 2749	ND
Naled	39 - 2757	ND
Oxamyl	41 - 2735	ND
Paclobutrazol	40 - 2710	ND
Permethrin	298 - 2771	ND
Phosmet	42 - 2720	ND
Prophos	272 - 2737	ND
Propoxur	42 - 2722	ND
Pyridaben	303 - 2724	ND
Spinosad A	33 - 2091	ND
Spinosad D	70 - 671	ND
Spiromesifen	287 - 2754	ND
Spirotetramat	267 - 2771	ND
Spiroxamine 1	19 - 1199	ND
Spiroxamine 2	25 - 1549	ND
Tebuconazole	281 - 2741	ND
Thiacloprid	42 - 2674	ND
Thiamethoxam	40 - 2760	ND
Trifloxystrobin	42 - 2709	ND

Final Approval

Karen Winternheimer
18May2023
06:53:00 AM MDT
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Sam Smith
18May2023
06:56:00 AM MDT
APPROVED BY / DATE

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https://results.botanacor.com/api/v1/coas/uuid/40e3ddba-14d3-4976-bd50-4d1d62730c77

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.

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