SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 09/19/2024

SAMPLE NAME: Capsules: 6000mg CBD THC Free
Other

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR
Business Name:
License Number:
Address:

SAMPLE DETAIL
Batch Number: 24G1021109
Sample ID: 240916K048

Date Collected: 09/16/2024
Date Received: 09/16/2024
Batch Size:
Sample Size: 1.0 units
Unit Mass:
Serving Size:

SAFETY ANALYSIS - SUMMARY

Pesticides: PASS

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 09/19/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 09/19/2024

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Capsules: 6000mg CBD THC Free

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
24G1021109	Various	Finished Product	
Reported:	**Started:**	**Received:**	
16Sep2024	13Sep2024	12Sep2024	

Cannabinoids - Colorado Compliance

Test ID: T000290011
Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	**LOD** (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.021	0.063	ND	ND	
Cannabichromenic Acid (CBCA)	0.019	0.058	ND	ND	
Cannabidiol (CBD)	0.055	0.149	21.885	218.85	
Cannabidiolic Acid (CBDA)	0.056	0.153	ND	ND	
Cannabidivarin (CBDV)	0.013	0.035	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.023	0.064	ND	ND	
Cannabigerol (CBG)	0.012	0.036	ND	ND	
Cannabigerolic Acid (CBGA)	0.049	0.150	ND	ND	
Cannabinol (CBN)	0.015	0.047	ND	ND	
Cannabinolic Acid (CBNA)	0.033	0.103	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.058	0.179	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.053	0.163	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.047	0.144	ND	ND	
Tetrahydrocannabivarin (THCV)	0.011	0.033	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.041	0.127	ND	ND	
Total Cannabinoids			**21.885**	**218.85**	
Total Potential THC			ND	ND	
Total Potential CBD			21.885	218.85	

Final Approval

Sam Smith
18Sep2024
03:36:00 PM MDT
PREPARED BY / DATE

Karen Winternheimer
18Sep2024
03:37:00 PM MDT
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

Capsules: 6000mg CBD THC Free

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 4
24G1021109	Various	Finished Product	
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Microbial Contaminants - Colorado Compliance

Test ID: T000290012
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

Brett Hudson
16Sep2024
05:06:00 PM MDT
PREPARED BY / DATE

Brianne Maillot
16Sep2024
05:31:00 PM MDT
APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000290013
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.53	ND	
Cadmium	0.05 - 4.67	ND	
Mercury	0.05 - 4.53	ND	
Lead	0.05 - 4.58	ND	

Final Approval

Judith Marquez
18Sep2024
02:56:00 PM MDT
PREPARED BY / DATE

Sam Smith
18Sep2024
03:11:00 PM MDT
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

Capsules: 6000mg CBD THC Free

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24G1021109	Various	Finished Product	
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Residual Solvents - Colorado Compliance

Test ID: T000290014
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	96 - 1921	ND	
Butanes (Isobutane, n-Butane)	193 - 3857	ND	
Methanol	62 - 1249	ND	
Pentane	99 - 1976	ND	
Ethanol	93 - 1852	ND	
Acetone	107 - 2147	ND	
Isopropyl Alcohol	104 - 2086	ND	
Hexane	7 - 136	ND	
Ethyl Acetate	108 - 2155	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	106 - 2113	ND	
Toluene	19 - 376	ND	
Xylenes (m,p,o-Xylenes)	129 - 2577	ND	

Final Approval

Sam Smith
20Sep2024
03:17:00 PM MDT
PREPARED BY / DATE

Karen Winternheimer
20Sep2024
03:18:00 PM MDT
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

Capsules: 6000mg CBD THC Free

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 4 of 4
24G1021109	Various	Finished Product	
Reported:	Started:	Received:	
16Sep2024	13Sep2024	12Sep2024	

Mycotoxins - Colorado Compliance

Test ID: T000290015
Methods: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	**Result** (ppb)	**Notes**
Ochratoxin A	3.62 - 127.61	ND	N/A
Aflatoxin B1	1.03 - 32.58	ND	
Aflatoxin B2	0.99 - 32.26	ND	
Aflatoxin G1	1.15 - 31.78	ND	
Aflatoxin G2	1.19 - 32.77	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

Karen Winternheimer
21Sep2024
12:18:00 PM MDT
PREPARED BY / DATE

Sam Smith
21Sep2024
12:19:00 PM MDT
APPROVED BY / DATE

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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Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 09/19/2024 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	*0.032 / 0.097*	*0.3*	*N/A*	ND	PASS
Acephate	*0.006 / 0.018*	*5*	*N/A*	ND	PASS
Acequinocyl	*0.009 / 0.027*	*4*	*N/A*	ND	PASS
Acetamiprid	*0.016 / 0.049*	*5*	*N/A*	ND	PASS
Aldicarb	*0.030 / 0.090*	*≥ LOD*	*N/A*	ND	PASS
Allethrin	*0.030 / 0.092*		*N/A*	ND	
Atrazine	*0.006 / 0.019*		*N/A*	ND	
Azadirachtin	*0.082 / 0.248*		*N/A*	ND	
Azoxystrobin	*0.003 / 0.009*	*40*	*N/A*	ND	PASS
Benzovindiflupyr	*0.003 / 0.009*		*N/A*	ND	
Bifenazate	*0.003 / 0.009*	*5*	*N/A*	ND	PASS
Bifenthrin	*0.021 / 0.064*	*0.5*	*N/A*	ND	PASS
Boscalid	*0.003 / 0.009*	*10*	*N/A*	ND	PASS
Buprofezin	*0.006 / 0.019*		*N/A*	ND	
Captan	*0.045 / 0.135*	*5*	*N/A*	ND	PASS
Carbaryl	*0.007 / 0.020*	*0.5*	*N/A*	ND	PASS
Carbofuran	*0.003 / 0.008*	*≥ LOD*	*N/A*	ND	PASS
Chlorantraniliprole	*0.006 / 0.018*	*40*	*N/A*	ND	PASS
Chlordane*	*0.010 / 0.032*	*≥ LOD*	*N/A*	ND	PASS
Chlorfenapyr*	*0.005 / 0.015*	*≥ LOD*	*N/A*	ND	PASS
Chlormequat chloride	*0.022 / 0.066*		*N/A*	ND	
Chlorpyrifos	*0.013 / 0.039*	*≥ LOD*	*N/A*	ND	PASS
Clofentezine	*0.003 / 0.009*	*0.5*	*N/A*	ND	PASS
Clothianidin	*0.008 / 0.025*		*N/A*	ND	
Coumaphos	*0.003 / 0.010*	*≥ LOD*	*N/A*	ND	PASS
Cyantraniliprole	*0.003 / 0.010*		*N/A*	ND	
Cyfluthrin	*0.052 / 0.159*	*1*	*N/A*	ND	PASS
Cypermethrin	*0.051 / 0.153*	*1*	*N/A*	ND	PASS
Cyprodinil	*0.003 / 0.008*		*N/A*	ND	
Daminozide	*0.026 / 0.077*	*≥ LOD*	*N/A*	ND	PASS
Deltamethrin	*0.059 / 0.180*		*N/A*	ND	
Diazinon	*0.006 / 0.017*	*0.2*	*N/A*	ND	PASS
Dichlorvos (DDVP)	*0.012 / 0.038*	*≥ LOD*	*N/A*	ND	PASS
Dimethoate	*0.003 / 0.009*	*≥ LOD*	*N/A*	ND	PASS
Dimethomorph	*0.016 / 0.050*	*20*	*N/A*	ND	PASS
Dinotefuran	*0.010 / 0.030*		*N/A*	ND	
Diuron	*0.013 / 0.040*		*N/A*	ND	
Dodemorph	*0.012 / 0.035*		*N/A*	ND	
Endosulfan sulfate	*0.016 / 0.048*		*N/A*	ND	
Endosulfan-α*	*0.004 / 0.014*		*N/A*	ND	
Endosulfan-β*	*0.006 / 0.019*		*N/A*	ND	

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 09/19/2024 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Ethoprophos	0.003 / 0.009	≥ LOD	N/A	ND	PASS
Etofenprox	0.014 / 0.042	≥ LOD	N/A	ND	PASS
Etoxazole	0.007 / 0.020	1.5	N/A	ND	PASS
Etridiazole*	0.002 / 0.005		N/A	ND	
Fenhexamid	0.003 / 0.008	10	N/A	ND	PASS
Fenoxycarb	0.003 / 0.010	≥ LOD	N/A	ND	PASS
Fenpyroximate	0.007 / 0.020	2	N/A	ND	PASS
Fensulfothion	0.003 / 0.010		N/A	ND	
Fenthion	0.003 / 0.010		N/A	ND	
Fenvalerate	0.033 / 0.099		N/A	ND	
Fipronil	0.003 / 0.010	≥ LOD	N/A	ND	PASS
Flonicamid	0.007 / 0.022	2	N/A	ND	PASS
Fludioxonil	0.003 / 0.010	30	N/A	ND	PASS
Fluopyram	0.003 / 0.009		N/A	ND	
Hexythiazox	0.003 / 0.010	2	N/A	ND	PASS
Imazalil	0.003 / 0.009	≥ LOD	N/A	ND	PASS
Imidacloprid	0.003 / 0.010	3	N/A	ND	PASS
Iprodione	0.077 / 0.233		N/A	ND	
Kinoprene	0.077 / 0.233		N/A	ND	
Kresoxim-methyl	0.006 / 0.019	1	N/A	ND	PASS
λ-Cyhalothrin	0.068 / 0.206		N/A	ND	
Malathion	0.003 / 0.009	5	N/A	ND	PASS
Metalaxyl	0.003 / 0.010	15	N/A	ND	PASS
Methiocarb	0.003 / 0.008	≥ LOD	N/A	ND	PASS
Methomyl	0.008 / 0.025	0.1	N/A	ND	PASS
Methoprene	0.172 / 0.521		N/A	ND	
Mevinphos	0.008 / 0.024	≥ LOD	N/A	ND	PASS
MGK-264	0.015 / 0.047		N/A	ND	
Myclobutanil	0.003 / 0.009	9	N/A	ND	PASS
Naled	0.021 / 0.064	0.5	N/A	ND	PASS
Novaluron	0.002 / 0.005		N/A	ND	
Oxamyl	0.017 / 0.051	0.2	N/A	ND	PASS
Paclobutrazol	0.003 / 0.010	≥ LOD	N/A	ND	PASS
Parathion-methyl	0.016 / 0.050	≥ LOD	N/A	ND	PASS
Pentachloronitro-benzene (Quintozene)*	0.004 / 0.012	0.2	N/A	ND	PASS
Permethrin	0.056 / 0.168	20	N/A	ND	PASS
Phenothrin	0.016 / 0.047		N/A	ND	
Phosmet	0.007 / 0.020	0.2	N/A	ND	PASS
Piperonyl Butoxide	0.010 / 0.029	8	N/A	ND	PASS
Pirimicarb	0.003 / 0.009		N/A	ND	
Prallethrin	0.015 / 0.046	0.4	N/A	ND	PASS

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 09/19/2024 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Propiconazole	*0.027 / 0.080*	*20*	*N/A*	ND	PASS
Propoxur	*0.003 / 0.008*	*≥ LOD*	*N/A*	ND	PASS
Pyraclostrobin	*0.003 / 0.010*		*N/A*	ND	
Pyrethrins	*0.016 / 0.049*	*1*	*N/A*	ND	PASS
Pyridaben	*0.005 / 0.017*	*3*	*N/A*	ND	PASS
Pyriproxyfen	*0.003 / 0.009*		*N/A*	ND	
Resmethrin	*0.013 / 0.039*		*N/A*	ND	
Spinetoram	*0.003 / 0.010*	*3*	*N/A*	ND	PASS
Spinosad	*0.003 / 0.010*	*3*	*N/A*	ND	PASS
Spirodiclofen	*0.031 / 0.093*		*N/A*	ND	
Spiromesifen	*0.016 / 0.050*	*12*	*N/A*	ND	PASS
Spirotetramat	*0.003 / 0.010*	*13*	*N/A*	ND	PASS
Spiroxamine	*0.020 / 0.062*	*≥ LOD*	*N/A*	ND	PASS
Tebuconazole	*0.003 / 0.010*	*2*	*N/A*	ND	PASS
Tebufenozide	*0.003 / 0.008*		*N/A*	ND	
Teflubenzuron	*0.007 / 0.022*		*N/A*	ND	
Tetrachlorvinphos	*0.003 / 0.008*		*N/A*	ND	
Tetramethrin	*0.021 / 0.063*		*N/A*	ND	
Thiabendazole	*0.006 / 0.020*		*N/A*	ND	
Thiacloprid	*0.003 / 0.009*	*≥ LOD*	*N/A*	ND	PASS
Thiamethoxam	*0.003 / 0.010*	*4.5*	*N/A*	ND	PASS
Thiophanate-methyl	*0.013 / 0.040*		*N/A*	ND	
Trifloxystrobin	*0.003 / 0.009*	*30*	*N/A*	ND	PASS