SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
FABCBD
1550 LARIMER ST. #964
Denver, CO USA 80202

FABCBD 1200mg Berry CBD Oil

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 5
501F406-0047	Various	Finished Product	
Reported:	Started:	Received:	
13Jan2025	13Jan2025	10Jan2025	

Heavy Metals - Colorado Compliance

Test ID: T000296887
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 4.27	ND	
Cadmium	0.04 - 4.23	ND	
Mercury	0.04 - 4.24	ND	
Lead	0.04 - 3.98	ND	

Final Approval

Judith Marquez
13Jan2025
03:41:00 PM MST
PREPARED BY / DATE

Sam Smith
13Jan2025
03:43:00 PM MST
APPROVED BY / DATE

Cannabinoids - Colorado Compliance

Test ID: T000296884
Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	**LOD** (mg/mL)	**LOQ** (mg/mL)	**Result** (mg/mL)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.059	0.201	0.936	1.00	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.054	0.184	ND	ND	
Cannabidiol (CBD)	0.184	0.556	39.607	42.14	
Cannabidiolic Acid (CBDA)	0.189	0.570	<LOQ	<LOQ	
Cannabidivarin (CBDV)	0.043	0.132	0.259	0.28	
Cannabidivarinic Acid (CBDVA)	0.079	0.238	ND	ND	
Cannabigerol (CBG)	0.033	0.114	0.413	0.44	
Cannabigerolic Acid (CBGA)	0.140	0.478	ND	ND	
Cannabinol (CBN)	0.044	0.149	ND	ND	
Cannabinolic Acid (CBNA)	0.095	0.326	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.166	0.569	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.151	0.517	0.591	0.63	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.134	0.458	ND	ND	
Tetrahydrocannabivarin (THCV)	0.030	0.104	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.118	0.404	ND	ND	
Total Cannabinoids			**41.806**	**44.49**	
Total Potential THC			0.591	0.63	
Total Potential CBD			39.607	42.14	

Final Approval

Sam Smith
15Jan2025
11:27:00 AM MST
PREPARED BY / DATE

Karen Winternheimer
15Jan2025
11:28:00 AM MST
APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000296886
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

Nora Langer
16Jan2025
02:46:00 PM MST
PREPARED BY / DATE

Brett Hudson
17Jan2025
06:10:00 PM MST
APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000296888
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	68 - 1366	ND	
Butanes (Isobutane, n-Butane)	138 - 2758	ND	
Methanol	61 - 1221	ND	
Pentane	74 - 1481	ND	
Ethanol	93 - 1856	ND	
Acetone	90 - 1805	ND	
Isopropyl Alcohol	106 - 2128	ND	
Hexane	5 - 110	ND	
Ethyl Acetate	98 - 1960	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	88 - 1753	ND	
Toluene	19 - 383	ND	
Xylenes (m,p,o-Xylenes)	149 - 2977	ND	

Final Approval

Samantha Smith
Sam Smith
16Jan2025
08:49:00 AM MST
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
16Jan2025
08:50:00 AM MST
APPROVED BY / DATE

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Pesticides

Test ID: T000296885
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	296 - 2697	ND	Malathion	287 - 2797	ND
Acephate	25 - 2678	ND	Metalaxyl	40 - 2805	ND
Acetamiprid	39 - 2650	ND	Methiocarb	46 - 2759	ND
Azoxystrobin	42 - 2766	ND	Methomyl	37 - 2716	ND
Bifenazate	37 - 2790	ND	MGK 264 1	156 - 1650	ND
Boscalid	47 - 2740	ND	MGK 264 2	119 - 1080	ND
Carbaryl	41 - 2753	ND	Myclobutanil	40 - 2784	ND
Carbofuran	42 - 2756	ND	Naled	42 - 2665	ND
Chlorantraniliprole	39 - 2722	ND	Oxamyl	38 - 2704	ND
Chlorpyrifos	44 - 2679	ND	Paclobutrazol	42 - 2754	ND
Clofentezine	280 - 2721	ND	Permethrin	300 - 2756	ND
Diazinon	281 - 2770	ND	Phosmet	39 - 2692	ND
Dichlorvos	321 - 2625	ND	Prophos	329 - 2768	ND
Dimethoate	41 - 2638	ND	Propoxur	40 - 2699	ND
E-Fenpyroximate	289 - 2718	ND	Pyridaben	304 - 2751	ND
Etofenprox	38 - 2739	ND	Spinosad A	31 - 2067	ND
Etoxazole	295 - 2626	ND	Spinosad D	65 - 646	ND
Fenoxycarb	44 - 2819	ND	Spiromesifen	283 - 2672	ND
Fipronil	35 - 2640	ND	Spirotetramat	289 - 2881	ND
Flonicamid	40 - 2672	ND	Spiroxamine 1	17 - 1048	ND
Fludioxonil	345 - 2803	ND	Spiroxamine 2	26 - 1628	ND
Hexythiazox	40 - 2739	ND	Tebuconazole	292 - 2811	ND
Imazalil	278 - 2816	ND	Thiacloprid	43 - 2702	ND
Imidacloprid	39 - 2764	ND	Thiamethoxam	42 - 2699	ND
Kresoxim-methyl	42 - 2824	ND	Trifloxystrobin	44 - 2707	ND

Final Approval

Samantha Smith
Sam Smith
18Jan2025
09:05:00 AM MST
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
18Jan2025
09:07:00 AM MST
APPROVED BY / DATE

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Mycotoxins - Colorado Compliance

Test ID: T000296889
Methods: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	**Result** (ppb)	**Notes**
Ochratoxin A	3.98 - 123.49	ND	N/A
Aflatoxin B1	0.96 - 31.21	ND	
Aflatoxin B2	1.02 - 31.43	ND	
Aflatoxin G1	1.05 - 31.24	ND	
Aflatoxin G2	1.02 - 31.15	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

Sam Smith
18Jan2025
10:01:00 AM MST
PREPARED BY / DATE

Karen Winternheimer
18Jan2025
10:02:00 AM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/dbd73f88-648e-4866-8748-031b84f6ea25

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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