SC Labs®
Formerly Botanacor Labs

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

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

FABCBD Vanilla 600mg CBD Oil

Batch ID or Lot Number:	Test:	Reported:	USDA License:
425F406-0036	**Potency**	**27Jun2024**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Solution	T000284737	27Jun2024	N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 26Jun2024	Status: Active

Cannabinoids

	LOD (mg/mL)	**LOQ** (mg/mL)	**Result** (mg/mL)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.054	0.168	0.414	0.44	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.049	0.153	ND	ND	
Cannabidiol (CBD)	0.140	0.532	20.468	21.77	
Cannabidiolic Acid (CBDA)	0.144	0.546	<LOQ	<LOQ	
Cannabidivarin (CBDV)	0.033	0.126	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.060	0.228	ND	ND	
Cannabigerol (CBG)	0.030	0.095	0.349	0.37	
Cannabigerolic Acid (CBGA)	0.127	0.398	ND	ND	
Cannabinol (CBN)	0.040	0.124	ND	ND	
Cannabinolic Acid (CBNA)	0.087	0.272	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.152	0.474	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.138	0.431	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.122	0.382	ND	ND	
Tetrahydrocannabivarin (THCV)	0.028	0.087	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.108	0.337	ND	ND	
Total Cannabinoids			**21.231**	**22.58**	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			20.468	21.77	

Final Approval

Karen Winternheimer
27Jun2024
01:48:00 PM MDT
PREPARED BY / DATE

Sam Smith
27Jun2024
01:53:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/0e58de0d-0456-4c34-a194-e7df9c4969bd

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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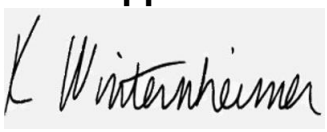
FABCBD Vanilla 600mg CBD Oil

Batch ID or Lot Number:	Test:	Reported:	USDA License:
425F406-0036	**Heavy Metals**	**02Jul2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000284740	02Jul2024	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	26Jun2024	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.50	ND	
Cadmium	0.05 - 4.60	ND	
Mercury	0.05 - 4.70	ND	
Lead	0.05 - 4.68	ND	

Final Approval



Karen Winternheimer
02Jul2024
02:26:00 PM MDT
PREPARED BY / DATE

Sam Smith
02Jul2024
02:33:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/157cf5d7-4663-430c-85fe-9057ee1e4294

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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CERTIFICATE OF ANALYSIS

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

FABCBD Vanilla 600mg CBD Oil

Batch ID or Lot Number:	Test:	Reported:	USDA License:
425F406-0036	**Microbial Contaminants**	**01Jul2024**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000284739	26Jun2024	N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 26Jun2024	Status: Active

Microbial Contaminants

	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
01Jul2024
09:49:00 AM MDT
PREPARED BY / DATE

Brett Hudson
01Jul2024
04:45:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/c8b96abe-4793-4654-855c-a18c3236a84b

Definitions
* 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
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

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1550 LARIMER ST. #964
Denver, CO USA 80202

FABCBD Vanilla 600mg CBD Oil

Batch ID or Lot Number:	Test:	Reported:	USDA License:
425F406-0036	**Mycotoxins**	**07Jul2024**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000284742	05Jul2024	N/A
	Method(s):	Received:	Status:
	TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	26Jun2024	Active

Mycotoxins

	Dynamic Range (ppb)	**Result** (ppb)	**Notes**
Ochratoxin A	1.16 - 130.41	ND	N/A
Aflatoxin B1	0.97 - 32.24	ND	
Aflatoxin B2	1.00 - 31.89	ND	
Aflatoxin G1	1.06 - 31.70	ND	
Aflatoxin G2	0.97 - 32.11	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

Sam Smith
07Jul2024
07:13:00 AM MDT

PREPARED BY / DATE

Karen Winternheimer
07Jul2024
07:16:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/0485b152-ac25-4614-9f06-0da67542a8fd

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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

FABCBD Vanilla 600mg CBD Oil

Batch ID or Lot Number:	Test:	Reported:	USDA License:
425F406-0036	**Pesticides**	**05Jul2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000284738	03Jul2024	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	26Jun2024	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	300 - 2701	ND
Acephate	43 - 2756	ND
Acetamiprid	43 - 2711	ND
Azoxystrobin	43 - 2671	ND
Bifenazate	42 - 2631	ND
Boscalid	42 - 2704	ND
Carbaryl	40 - 2714	ND
Carbofuran	41 - 2702	ND
Chlorantraniliprole	43 - 2732	ND
Chlorpyrifos	52 - 2685	ND
Clofentezine	271 - 2721	ND
Diazinon	269 - 2652	ND
Dichlorvos	286 - 2728	ND
Dimethoate	41 - 2727	ND
E-Fenpyroximate	286 - 2684	ND
Etofenprox	43 - 2670	ND
Etoxazole	281 - 2606	ND
Fenoxycarb	43 - 2680	ND
Fipronil	57 - 2801	ND
Flonicamid	49 - 2799	ND
Fludioxonil	283 - 2777	ND
Hexythiazox	39 - 2690	ND
Imazalil	275 - 2725	ND
Imidacloprid	43 - 2736	ND
Kresoxim-methyl	47 - 2697	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	271 - 2646	ND
Metalaxyl	44 - 2671	ND
Methiocarb	42 - 2760	ND
Methomyl	43 - 2743	ND
MGK 264 1	158 - 1630	ND
MGK 264 2	124 - 1078	ND
Myclobutanil	42 - 2722	ND
Naled	41 - 2690	ND
Oxamyl	44 - 2757	ND
Paclobutrazol	47 - 2710	ND
Permethrin	298 - 2714	ND
Phosmet	42 - 2543	ND
Prophos	282 - 2766	ND
Propoxur	41 - 2695	ND
Pyridaben	295 - 2678	ND
Spinosad A	33 - 2084	ND
Spinosad D	62 - 655	ND
Spiromesifen	267 - 2689	ND
Spirotetramat	286 - 2722	ND
Spiroxamine 1	16 - 1037	ND
Spiroxamine 2	24 - 1626	ND
Tebuconazole	292 - 2655	ND
Thiacloprid	44 - 2748	ND
Thiamethoxam	41 - 2744	ND
Trifloxystrobin	43 - 2707	ND

Final Approval

Sam Smith
05Jul2024
09:06:00 AM MDT
PREPARED BY / DATE

Karen Winternheimer
05Jul2024
09:08:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/5be3db8c-c6fe-41fb-af60-e4fb2f79aa20

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
ppb = Parts Per Billion

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Denver, CO USA 80202

FABCBD Vanilla 600mg CBD Oil

Batch ID or Lot Number:	Test:	Reported:	USDA License:
425F406-0036	**Residual Solvents**	**28Jun2024**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000284741	27Jun2024	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	26Jun2024	Active

Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	94 - 1873	ND	
Butanes (Isobutane, n-Butane)	187 - 3746	ND	
Methanol	68 - 1369	ND	
Pentane	96 - 1922	ND	
Ethanol	96 - 1917	ND	
Acetone	109 - 2177	ND	
Isopropyl Alcohol	116 - 2316	ND	
Hexane	7 - 136	ND	
Ethyl Acetate	112 - 2233	ND	
Benzene	0.2 - 4.6	ND	
Heptanes	105 - 2098	ND	
Toluene	20 - 405	ND	
Xylenes (m,p,o-Xylenes)	146 - 2920	ND	

Final Approval

Sam Smith
28Jun2024
11:23:00 AM MDT
PREPARED BY / DATE

Karen Winternheimer
28Jun2024
11:25:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/ef2583ce-178c-4ed7-865a-eb031b143e07

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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