

CERTIFICATE OF ANALYSIS

Prepared for:

FABCBD

1550 LARIMER ST. #964

Denver, CO USA 80202

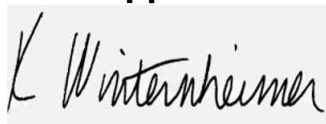
FABCBD Natural 600mg CBD Oil

Batch ID or Lot Number: 423F406-0035	Test: Potency	Reported: 10Jun2024	USDA License: N/A
Matrix: Solution	Test ID: T000283223	Started: 10Jun2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 05Jun2024	Status: Active

Cannabinoids

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.056	0.199	0.990	1.05	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.051	0.182	ND	ND	
Cannabidiol (CBD)	0.201	0.539	20.616	21.93	
Cannabidiolic Acid (CBDA)	0.206	0.553	ND	ND	
Cannabidivarin (CBDV)	0.047	0.127	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.086	0.231	ND	ND	
Cannabigerol (CBG)	0.032	0.113	0.614	0.65	
Cannabigerolic Acid (CBGA)	0.133	0.472	ND	ND	
Cannabinol (CBN)	0.041	0.147	ND	ND	
Cannabinolic Acid (CBNA)	0.091	0.322	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.158	0.563	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.144	0.511	0.593	0.63	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.127	0.453	ND	ND	
Tetrahydrocannabivarin (THCV)	0.029	0.103	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.112	0.399	ND	ND	
Total Cannabinoids			22.813	24.26	
Total Potential THC			0.593	0.63	
Total Potential CBD			20.616	21.93	

Final Approval



Karen Winternheimer

10Jun2024

03:37:00 PM MDT

PREPARED BY / DATE



Sam Smith

10Jun2024

03:40:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b33f7979-488d-4524-9472-4e73ff7eba5f>

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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Cert #4329.02



CDPHE Certified

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FABCBD

1550 LARIMER ST. #964

Denver, CO USA 80202

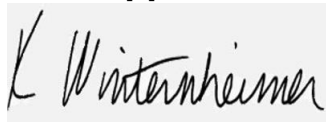
FABCBD Natural 600mg CBD Oil

Batch ID or Lot Number: 423F406-0035	Test: Heavy Metals	Reported: 07Jun2024	USDA License: NA
Matrix: Concentrate	Test ID: T000283226	Started: 06Jun2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 05Jun2024	Status: NA

Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.80	ND	
Cadmium	0.05 - 4.56	ND	
Mercury	0.05 - 4.58	ND	
Lead	0.05 - 4.75	ND	

Final Approval



Karen Winternheimer

07Jun2024

08:43:00 AM MDT

PREPARED BY / DATE



Sam Smith

07Jun2024

08:48:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/222acc06-ced8-48ac-978f-5030964618ad>

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 Natural 600mg CBD Oil

Batch ID or Lot Number: 423F406-0035	Test: Microbial Contaminants	Reported: 10Jun2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000283225	Started: 05Jun2024	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 05Jun2024	Status: Active

Microbial

Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	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
09Jun2024
02:11:00 PM MDT

PREPARED BY / DATE



Brianne Maillot
10Jun2024
10:03:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/de4c1943-9f42-42b1-959a-d69f01450511>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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 Natural 600mg CBD Oil

Batch ID or Lot Number: 423F406-0035	Test: Mycotoxins	Reported: 07Jun2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000283228	Started: 03Jun2024	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 05Jun2024	Status: Active

Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.81 - 135.14	ND	N/A
Aflatoxin B1	0.87 - 33.96	ND	
Aflatoxin B2	1.00 - 33.50	ND	
Aflatoxin G1	1.03 - 34.08	ND	
Aflatoxin G2	1.00 - 33.92	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Sam Smith
07Jun2024
08:51:00 AM MDT

PREPARED BY / DATE



APPROVED BY / DATE

Karen Winternheimer
07Jun2024
08:54:00 AM MDT



<https://results.botanacor.com/api/v1/coas/uuid/030f0fbf-ea1e-44e6-ba70-61b761e5f052>

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 Natural 600mg CBD Oil

Batch ID or Lot Number: 423F406-0035	Test: Pesticides	Reported: 10Jun2024	USDA License: NA
Matrix: Concentrate	Test ID: T000283224	Started: 07Jun2024	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 05Jun2024	Status: NA

Pesticides

	Dynamic Range (ppb)	Result (ppb)
Abamectin	338 - 2814	ND
Acephate	44 - 2726	ND
Acetamiprid	44 - 2712	ND
Azoxystrobin	42 - 2720	ND
Bifenazate	32 - 2734	ND
Boscalid	39 - 2750	ND
Carbaryl	42 - 2723	ND
Carbofuran	41 - 2710	ND
Chlorantraniliprole	34 - 2762	ND
Chlorpyrifos	44 - 2733	ND
Clofentezine	280 - 2749	ND
Diazinon	283 - 2720	ND
Dichlorvos	274 - 2739	ND
Dimethoate	43 - 2711	ND
E-Fenpyroximate	284 - 2616	ND
Etofenprox	38 - 2629	ND
Etoxazole	276 - 2541	ND
Fenoxycarb	12 - 2712	ND
Fipronil	50 - 2702	ND
Flonicamid	47 - 2755	ND
Fludioxonil	276 - 2757	ND
Hexythiazox	36 - 2651	ND
Imazalil	295 - 2769	ND
Imidacloprid	44 - 2776	ND
Kresoxim-methyl	30 - 2748	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	276 - 2737	ND
Metalaxyl	45 - 2745	ND
Methiocarb	40 - 2760	ND
Methomyl	44 - 2794	ND
MGK 264 1	175 - 1637	ND
MGK 264 2	133 - 1057	ND
Myclobutanil	40 - 2722	ND
Naled	43 - 2655	ND
Oxamyl	44 - 2765	ND
Paclobutrazol	42 - 2697	ND
Permethrin	277 - 2687	ND
Phosmet	33 - 2602	ND
Prophos	266 - 2795	ND
Propoxur	39 - 2723	ND
Pyridaben	280 - 2644	ND
Spinosad A	31 - 2078	ND
Spinosad D	68 - 637	ND
Spiromesifen	279 - 2620	ND
Spirotetramat	281 - 2789	ND
Spiroxamine 1	15 - 1013	ND
Spiroxamine 2	23 - 1623	ND
Tebuconazole	291 - 2722	ND
Thiacloprid	44 - 2756	ND
Thiamethoxam	44 - 2708	ND
Trifloxystrobin	42 - 2715	ND

Final Approval



Karen Winternheimer
10Jun2024
01:06:00 PM MDT

PREPARED BY / DATE



Sam Smith
10Jun2024
01:34:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7007106b-78c8-451a-8ed9-31468a68167d>

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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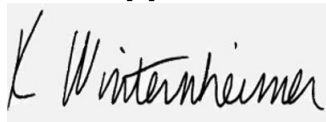
Denver, CO USA 80202

FABCBD Natural 600mg CBD Oil

Batch ID or Lot Number: 423F406-0035	Test: Residual Solvents	Reported: 10Jun2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000283227	Started: 07Jun2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 05Jun2024	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	79 - 1587	ND	
Butanes (Isobutane, n-Butane)	167 - 3331	ND	
Methanol	61 - 1217	ND	
Pentane	87 - 1747	ND	
Ethanol	93 - 1860	ND	
Acetone	100 - 1993	ND	
Isopropyl Alcohol	103 - 2061	ND	
Hexane	6 - 124	ND	
Ethyl Acetate	103 - 2050	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	96 - 1926	ND	
Toluene	19 - 372	ND	
Xylenes (m,p,o-Xylenes)	133 - 2666	ND	

Final Approval



Karen Winternheimer

10Jun2024

08:15:00 AM MDT

PREPARED BY / DATE



Sam Smith

10Jun2024

08:14:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/2aed376b-03b3-4468-a144-ca74560fc869>

Definitions

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