

CERTIFICATE OF ANALYSIS

Prepared for:

FABCBD

1550 LARIMER ST. #964

Denver, CO USA 80202

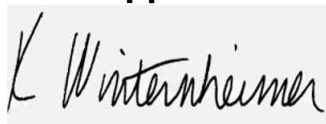
FABCBD Citrus 600mg CBD Oil

Batch ID or Lot Number: 423F406-0033	Test: Potency	Reported: 11Jun2024	USDA License: N/A
Matrix: Solution	Test ID: T000283772	Started: 11Jun2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 11Jun2024	Status: Active

Cannabinoids

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.053	0.207	0.404	0.43	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.049	0.189	ND	ND	
Cannabidiol (CBD)	0.219	0.543	20.030	21.31	
Cannabidiolic Acid (CBDA)	0.224	0.557	ND	ND	
Cannabidivarin (CBDV)	0.052	0.128	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.094	0.232	ND	ND	
Cannabigerol (CBG)	0.030	0.117	ND	ND	
Cannabigerolic Acid (CBGA)	0.126	0.491	ND	ND	
Cannabinol (CBN)	0.039	0.153	ND	ND	
Cannabinolic Acid (CBNA)	0.086	0.335	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.151	0.585	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.137	0.531	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.121	0.470	ND	ND	
Tetrahydrocannabivarin (THCV)	0.028	0.107	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.107	0.415	ND	ND	
Total Cannabinoids			20.434	21.74	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			20.030	21.31	

Final Approval


K Winternheimer

Karen Winternheimer

11Jun2024

01:06:00 PM MDT

PREPARED BY / DATE


Sam Smith

Sam Smith

11Jun2024

01:09:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/d583c970-e6cb-47dd-b8ee-2d9ff8f2c7b5>

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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CERTIFICATE OF ANALYSIS

Prepared for:

FABCBD

1550 LARIMER ST. #964

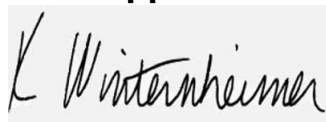
Denver, CO USA 80202

FABCBD Citrus 600mg CBD Oil

Batch ID or Lot Number: 423F406-0033	Test: Heavy Metals	Reported: 14Jun2024	USDA License: NA
Matrix: Finished Product	Test ID: T000283775	Started: 14Jun2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 11Jun2024	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 5.23	ND	
Cadmium	0.05 - 4.99	ND	
Mercury	0.05 - 4.86	ND	
Lead	0.05 - 4.89	ND	

Final Approval



Karen Winternheimer

14Jun2024

02:06:00 PM MDT

PREPARED BY / DATE



Sam Smith

14Jun2024

02:38:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/adeceb3e4-4765-4d2e-81f9-124b01923c87>

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 Citrus 600mg CBD Oil

Batch ID or Lot Number: 423F406-0033	Test: Microbial Contaminants	Reported: 17Jun2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000283774	Started: 11Jun2024	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 11Jun2024	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
14Jun2024
12:00:00 PM MDT

PREPARED BY / DATE



Brianne Maillot
17Jun2024
09:17:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/5ca72877-750c-4aa4-9ea0-a28acba4809a>

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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Prepared for:

FABCBD

1550 LARIMER ST. #964

Denver, CO USA 80202

FABCBD Citrus 600mg CBD Oil

Batch ID or Lot Number: 423F406-0033	Test: Mycotoxins	Reported: 13Jun2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000283777	Started: 12Jun2024	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 11Jun2024	Status: Active

Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.31 - 129.72	ND	N/A
Aflatoxin B1	1.44 - 34.02	ND	
Aflatoxin B2	0.95 - 33.86	ND	
Aflatoxin G1	1.25 - 33.99	ND	
Aflatoxin G2	1.25 - 33.63	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Sam Smith
13Jun2024
10:10:00 AM MDT

PREPARED BY / DATE



APPROVED BY / DATE

Karen Winternheimer
13Jun2024
10:12:00 AM MDT



<https://results.botanacor.com/api/v1/coas/uuid/682c07dc-6a73-48f4-ba72-68873ce3f0ca>

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 Citrus 600mg CBD Oil

Batch ID or Lot Number: 423F406-0033	Test: Pesticides	Reported: 14Jun2024	USDA License: NA
Matrix: Concentrate	Test ID: T000283773	Started: 13Jun2024	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 11Jun2024	Status: NA

Pesticides

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	304 - 2709	ND
Acephate	42 - 2773	ND
Acetamiprid	40 - 2733	ND
Azoxystrobin	41 - 2736	ND
Bifenazate	37 - 2702	ND
Boscalid	30 - 2789	ND
Carbaryl	35 - 2742	ND
Carbofuran	44 - 2699	ND
Chlorantraniliprole	43 - 2637	ND
Chlorpyrifos	51 - 2793	ND
Clofentezine	272 - 2725	ND
Diazinon	288 - 2748	ND
Dichlorvos	293 - 2789	ND
Dimethoate	43 - 2741	ND
E-Fenpyroximate	280 - 2804	ND
Etofenprox	41 - 2796	ND
Etoxazole	266 - 2690	ND
Fenoxycarb	46 - 3510	ND
Fipronil	37 - 2722	ND
Flonicamid	32 - 2796	ND
Fludioxonil	293 - 2699	ND
Hexythiazox	28 - 2808	ND
Imazalil	297 - 2730	ND
Imidacloprid	43 - 2775	ND
Kresoxim-methyl	34 - 2760	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	292 - 2701	ND
Metalaxyl	40 - 2735	ND
Methiocarb	40 - 2838	ND
Methomyl	44 - 2762	ND
MGK 264 1	166 - 1642	ND
MGK 264 2	105 - 1079	ND
Myclobutanil	38 - 2769	ND
Naled	39 - 2658	ND
Oxamyl	42 - 2777	ND
Paclobutrazol	43 - 2688	ND
Permethrin	269 - 2763	ND
Phosmet	38 - 2607	ND
Prophos	282 - 2800	ND
Propoxur	40 - 2707	ND
Pyridaben	274 - 2792	ND
Spinosad A	32 - 2113	ND
Spinosad D	63 - 678	ND
Spiromesifen	226 - 2779	ND
Spirotetramat	285 - 2752	ND
Spiroxamine 1	16 - 1061	ND
Spiroxamine 2	21 - 1505	ND
Tebuconazole	276 - 2710	ND
Thiacloprid	43 - 2749	ND
Thiamethoxam	37 - 2790	ND
Trifloxystrobin	41 - 2728	ND

Final Approval



Sam Smith
14Jun2024
09:26:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
14Jun2024
09:27:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/98a05d52-a45a-432b-84de-f08d7d0a6575>

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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FABCBD

1550 LARIMER ST. #964

Denver, CO USA 80202

FABCBD Citrus 600mg CBD Oil

Batch ID or Lot Number: 423F406-0033	Test: Residual Solvents	Reported: 13Jun2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000283776	Started: 11Jun2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 11Jun2024	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	72 - 1434	ND	
Butanes (Isobutane, n-Butane)	149 - 2981	ND	
Methanol	65 - 1296	ND	
Pentane	81 - 1610	ND	
Ethanol	102 - 2032	ND	
Acetone	104 - 2086	ND	
Isopropyl Alcohol	111 - 2225	ND	
Hexane	6 - 120	ND	
Ethyl Acetate	107 - 2147	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	97 - 1943	ND	
Toluene	20 - 396	ND	
Xylenes (m,p,o-Xylenes)	143 - 2862	ND	

Final Approval



Sam Smith
13Jun2024
09:53:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
13Jun2024
09:55:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/78811971-4ede-4420-82f0-60494ffb5aa>

Definitions

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