

Prepared for:

FABCBD

1550 LARIMER ST. #964

Denver, CO USA 80202

FABCBD 2400mg CBD Vanilla Tincture

Batch ID or Lot Number: 515F406-0051	Test, Test ID and Methods: Various	Matrix: Solution	Page 1 of 5
Reported: 09Apr2025	Started: 08Apr2025	Received: 08Apr2025	

Cannabinoids - Colorado Compliance

Test ID: T000302830

Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.041	0.162	2.584	2.75	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.038	0.148	ND	ND	
Cannabidiol (CBD)	0.165	0.441	73.963	78.68	
Cannabidiolic Acid (CBDA)	0.170	0.453	<LOQ	<LOQ	
Cannabidivarin (CBDV)	0.039	0.104	0.893	0.95	
Cannabidivarinic Acid (CBDVA)	0.071	0.189	ND	ND	
Cannabigerol (CBG)	0.023	0.092	1.467	1.56	
Cannabigerolic Acid (CBGA)	0.097	0.383	ND	ND	
Cannabinol (CBN)	0.030	0.120	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.066	0.262	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.116	0.457	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.105	0.415	1.908	2.03	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.093	0.368	ND	ND	
Tetrahydrocannabivarin (THCV)	0.021	0.083	<LOQ	<LOQ	
Tetrahydrocannabivarinic Acid (THCVA)	0.082	0.324	ND	ND	
Total Cannabinoids			80.815	85.97	
Total Potential THC			1.908	2.03	
Total Potential CBD			73.963	78.68	

Final Approval


Danielle Alm
09Apr2025
09:18:00 AM MDT
PREPARED BY / DATE


Sam Smith
09Apr2025
09:21:00 AM MDT
APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000302833

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.00	ND	
Cadmium	0.04 - 4.33	ND	
Mercury	0.04 - 4.27	ND	
Lead	0.04 - 4.35	ND	

Final Approval


Judith Marquez
10Apr2025
11:51:00 AM MDT
PREPARED BY / DATE


Sam Smith
10Apr2025
11:53:00 AM MDT
APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000302834

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	108 - 2168	ND	
Butanes (Isobutane, n-Butane)	208 - 4170	ND	
Methanol	69 - 1379	ND	
Pentane	101 - 2010	ND	
Ethanol	96 - 1915	ND	
Acetone	100 - 1999	ND	
Isopropyl Alcohol	103 - 2061	ND	
Hexane	6 - 125	ND	
Ethyl Acetate	102 - 2042	ND	
Benzene	0.2 - 4.4	ND	
Heptanes	100 - 1994	ND	
Toluene	18 - 362	ND	
Xylenes (m,p,o-Xylenes)	129 - 2571	ND	

Final Approval



Danielle Alm
11Apr2025
02:38:00 PM MDT

PREPARED BY / DATE



Sam Smith
11Apr2025
02:44:00 PM MDT

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515F406-0051

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Various

Matrix:

Solution

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Reported:

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Started:

08Apr2025

Received:

08Apr2025

Microbial Contaminants - Colorado Compliance

Test ID: T000302832

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
<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



Aimee Lowe
11Apr2025
03:41:00 PM MDT



Nora Langer
11Apr2025
03:52:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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Pesticides

Test ID: T000302831

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	455 - 2829	ND		Malathion	282 - 2672	ND
Acephate	39 - 2797	ND		Metalaxyl	37 - 2694	ND
Acetamiprid	41 - 2773	ND		Methiocarb	40 - 2759	ND
Azoxystrobin	44 - 2671	ND		Methomyl	40 - 2814	ND
Bifenazate	42 - 2660	ND		MGK 264 1	158 - 1641	ND
Boscalid	42 - 2694	ND		MGK 264 2	106 - 1068	ND
Carbaryl	42 - 2722	ND		Myclobutanil	44 - 2697	ND
Carbofuran	41 - 2694	ND		Naled	42 - 2706	ND
Chlorantraniliprole	36 - 2737	ND		Oxamyl	42 - 2802	ND
Chlorpyrifos	34 - 2723	ND		Paclobutrazol	42 - 2681	ND
Clofentezine	287 - 2725	ND		Permethrin	260 - 2804	ND
Diazinon	276 - 2701	ND		Phosmet	35 - 2559	ND
Dichlorvos	240 - 2795	ND		Prophos	270 - 2810	ND
Dimethoate	38 - 2762	ND		Propoxur	40 - 2725	ND
E-Fenpyroximate	266 - 2845	ND		Pyridaben	282 - 2855	ND
Etofenprox	41 - 2786	ND		Spinosad A	32 - 2086	ND
Etoxazole	273 - 2757	ND		Spinosad D	64 - 683	ND
Fenoxycarb	43 - 2661	ND		Spiromesifen	263 - 2814	ND
Fipronil	46 - 2741	ND		Spirotetramat	288 - 2733	ND
Flonicamid	50 - 2832	ND		Spiroxamine 1	15 - 1044	ND
Fludioxonil	273 - 2740	ND		Spiroxamine 2	23 - 1627	ND
Hexythiazox	40 - 2846	ND		Tebuconazole	291 - 2669	ND
Imazalil	272 - 2705	ND		Thiacloprid	44 - 2784	ND
Imidacloprid	43 - 2775	ND		Thiamethoxam	42 - 2782	ND
Kresoxim-methyl	42 - 2729	ND		Trifloxystrobin	44 - 2720	ND

Final Approval

	Judith Marquez 15Apr2025 08:36:00 AM MDT		Sam Smith 15Apr2025 08:39:00 AM MDT
PREPARED BY / DATE		APPROVED BY / DATE	

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Mycotoxins - Colorado Compliance

Test ID: T000302835

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	0.99 - 125.05	ND	N/A
Aflatoxin B1	0.95 - 32.33	ND	
Aflatoxin B2	0.92 - 32.58	ND	
Aflatoxin G1	0.99 - 32.45	ND	
Aflatoxin G2	1.21 - 32.61	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Judith Marquez
17Apr2025
07:58:00 AM MDT

PREPARED BY / DATE



Sam Smith
17Apr2025
08:00:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/2ceef840-79da-43a1-8e08-50c29ca60102>

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 $\times$ (0.877)) and Total CBD = CBD + (CBDa $\times$ (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 $\times$ (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.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA](#) for more details.



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