

Prepared for:

FABCBD

1550 LARIMER ST. #964

Denver, CO USA 80202

FABCBD 1200mg CBD Vanilla Tincture

Batch ID or Lot Number: 541F406-0046	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 5
Reported: 07Oct2025	Started: 07Oct2025	Received: 07Oct2025	

**Heavy Metals -
Colorado Compliance**

Test ID: T000313176

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.67	ND	
Cadmium	0.05 - 4.52	ND	
Mercury	0.04 - 4.45	ND	
Lead	0.05 - 4.68	ND	

Final Approval



Brett Hudson
07Oct2025
03:33:00 PM MDT



Judith Marquez
07Oct2025
05:25:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Cannabinoids

Test ID: T000313173

Methods: TM14 (HPLC-DAD): Potency - Full Spectrum

Analysis, 0.3% THC	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.044	0.176	1.241	1.32	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.040	0.161	ND	ND	
Cannabidiol (CBD)	0.214	0.528	36.621	38.96	
Cannabidiolic Acid (CBDA)	0.220	0.541	ND	ND	
Cannabidivarin (CBDV)	0.051	0.125	0.445	0.47	
Cannabidivarinic Acid (CBDVA)	0.092	0.226	ND	ND	
Cannabigerol (CBG)	0.025	0.100	0.838	0.89	
Cannabigerolic Acid (CBGA)	0.105	0.417	ND	ND	
Cannabinol (CBN)	0.033	0.130	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.071	0.285	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.125	0.497	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.113	0.451	0.890	0.95	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.100	0.400	ND	ND	
Tetrahydrocannabivarin (THCV)	0.023	0.091	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.088	0.353	ND	ND	
Total Cannabinoids			40.035	42.59	
Total Potential THC			0.890	0.95	
Total Potential CBD			36.621	38.96	

Final Approval



Judith Marquez
09Oct2025
03:04:00 PM MDT



Sam Smith
09Oct2025
03:14:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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Residual Solvents

Test ID: T000313177

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	83 - 1661	ND	
Butanes (Isobutane, n-Butane)	155 - 3096	ND	
Methanol	66 - 1326	ND	
Pentane	86 - 1711	ND	
Ethanol	94 - 1881	ND	
Acetone	101 - 2015	ND	
Isopropyl Alcohol	107 - 2145	ND	
Hexane	6 - 125	ND	
Ethyl Acetate	106 - 2117	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	97 - 1941	ND	
Toluene	19 - 385	ND	
Xylenes (m,p,o-Xylenes)	145 - 2902	ND	

Final Approval


Judith Marquez
09Oct2025
04:56:00 PM MDT
PREPARED BY / DATE


Sam Smith
09Oct2025
05:03:00 PM MDT
APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000313175

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
10Oct2025
02:43:00 PM MDT

PREPARED BY / DATE


Theresa Goergen
10Oct2025
02:59:00 PM MDT

APPROVED BY / DATE

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Pesticides

Test ID: T000313174

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	297 - 2746	ND		Malathion	336 - 2621	ND
Acephate	44 - 2694	ND		Metalaxyl	44 - 2627	ND
Acetamiprid	45 - 2669	ND		Methiocarb	49 - 2760	ND
Azoxystrobin	46 - 2599	ND		Methomyl	46 - 2704	ND
Bifenazate	36 - 2760	ND		MGK 264 1	171 - 1653	ND
Boscalid	54 - 2744	ND		MGK 264 2	121 - 1013	ND
Carbaryl	32 - 2702	ND		Myclobutanil	44 - 2778	ND
Carbofuran	44 - 2651	ND		Naled	52 - 2648	ND
Chlorantraniliprole	49 - 2747	ND		Oxamyl	44 - 2691	ND
Chlorpyrifos	57 - 2726	ND		Paclobutrazol	42 - 2669	ND
Clofentezine	320 - 2700	ND		Permethrin	403 - 2597	ND
Diazinon	338 - 2634	ND		Phosmet	51 - 2643	ND
Dichlorvos	329 - 2693	ND		Prophos	309 - 2748	ND
Dimethoate	42 - 2694	ND		Propoxur	43 - 2648	ND
E-Fenpyroximate	185 - 2790	ND		Pyridaben	333 - 2685	ND
Etofenprox	44 - 2694	ND		Spinosad A	33 - 1954	ND
Etoxazole	334 - 2708	ND		Spinosad D	85 - 711	ND
Fenoxycarb	36 - 2658	ND		Spiromesifen	327 - 2721	ND
Fipronil	50 - 2795	ND		Spirotetramat	317 - 2618	ND
Flonicamid	55 - 2683	ND		Spiroxamine 1	20 - 1237	ND
Fludioxonil	292 - 2795	ND		Spiroxamine 2	24 - 1510	ND
Hexythiazox	39 - 2721	ND		Tebuconazole	333 - 2608	ND
Imazalil	266 - 2635	ND		Thiacloprid	47 - 2673	ND
Imidacloprid	41 - 2740	ND		Thiamethoxam	44 - 2692	ND
Kresoxim-methyl	47 - 2664	ND		Trifloxystrobin	44 - 2637	ND

Final Approval

	Judith Marquez 13Oct2025 08:28:00 AM MDT		Sam Smith 13Oct2025 08:31:00 AM MDT
PREPARED BY / DATE		APPROVED BY / DATE	

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<https://results.botanacor.com/api/v1/coas/uuid/b62e71ec-3dd2-4bb2-82fe-923490f5b567>

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.

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.



Cert #4329.02

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