

Kai CBD & THC Dark Chocolate Bar

Batch ID or Lot Number: 11348	Test: Potency	Reported: 20Jul2022	USDA License: N/A
Matrix: Unit	Test ID: T000214742	Started: 19Jul2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD); Potency – Standard Cannabinoid Analysis	Received: 19Jul2022	Status: Active

Cannabinoids	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	4.196	12.717	97.985	1.72	# of Servings = 1 Sample Weight=57g
Cannabichromenic Acid (CBCA)	3.838	11.632	ND	ND	
Cannabidiol (CBD)	12.717	34.684	860.452	15.10	
Cannabidiolic Acid (CBDA)	13.043	35.574	ND	ND	
Cannabidivarin (CBDV)	3.008	8.203	17.361	0.30	
Cannabidivarinic Acid (CBDVA)	5.441	14.840	ND	ND	
Cannabigerol (CBG)	2.383	7.221	65.479	1.15	
Cannabigerolic Acid (CBGA)	9.960	30.185	ND	ND	
Cannabinol (CBN)	3.108	9.420	9.618	0.17	
Cannabinolic Acid (CBNA)	6.795	20.594	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	11.866	35.961	<LOQ	0.25	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	10.776	32.659	137.294	2.41	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	9.548	28.936	ND	ND	
Tetrahydrocannabivarin (THCV)	2.167	6.568	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	8.422	25.523	ND	ND	
Total Cannabinoids			1202.492	21.10	
Total Potential THC			137.294	2.41	
Total Potential CBD			860.452	15.10	

Final Approval



Daniel Weidensaul
 20Jul2022
 05:37:00 PM MDT

PREPARED BY / DATE



Jacob Miller
 20Jul2022
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APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/5b039afe-ad77-47d7-aff0-0cb2b6f20859>

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)).

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02

CDPHE Certified
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Kai CBD & THC Dark Chocolate Bar

Batch ID or Lot Number: 11348	Test: Heavy Metals	Reported: 21Jul2022	USDA License: NA
Matrix: Unit Co	Test ID: T000214745	Started: 20Jul2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS); Heavy Metals	Received: 19Jul2022	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.27	ND	
Cadmium	0.04 - 4.47	0.08	
Mercury	0.05 - 4.56	ND	
Lead	0.04 - 4.19	ND	

Final Approval



Sam Smith
 21Jul2022
 03:21:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul
 21Jul2022
 03:25:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/bb8d57a5-d987-4a78-9a4b-6f40b29207f1>

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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Cert #4329.02

CDPHE Certified

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Kai CBD & THC Dark Chocolate Bar

Batch ID or Lot Number: 11348	Test: Microbial Contaminants	Reported: 22Jul2022	USDA License: N/A
Matrix: Finished Product	Test ID: T000214744	Started: 19Jul2022	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 19Jul2022	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
<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	<LLOQ	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval



Brienne Maillot
 22Jul2022
 10:53:00 AM MDT

PREPARED BY / DATE



Eden Thompson-Wright
 22Jul2022
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APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/3a89ce38-8702-4ef6-a5a8-0ba483bcb5b0>

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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Cert #4329.02

CDPHE Certified
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Kai CBD & THC Dark Chocolate Bar

Batch ID or Lot Number: 11348	Test: Mycotoxins	Reported: 21Jul2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000214747	Started: 20Jul2022	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 19Jul2022	Status: Active

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.52 - 121.95	ND	N/A
Aflatoxin B1	0.85 - 30.73	ND	
Aflatoxin B2	0.91 - 31.02	ND	
Aflatoxin G1	0.94 - 30.96	ND	
Aflatoxin G2	1.02 - 31.26	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Jacob Miller
 21Jul2022
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Sam Smith
 21Jul2022
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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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CDPHE Certified


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Kai CBD & THC Dark Chocolate Bar

Batch ID or Lot Number: 11348	Test: Pesticides	Reported: 20Jul2022	USDA License: NA
Matrix: Concentrate	Test ID: T000214743	Started: 19Jul2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 19Jul2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	294 - 2799	ND	Malathion	294 - 2727	ND
Acephate	39 - 2799	ND	Metalaxyl	44 - 2756	ND
Acetamiprid	40 - 2785	ND	Methiocarb	40 - 2756	ND
Azoxystrobin	42 - 2727	ND	Methomyl	39 - 2826	ND
Bifenazate	38 - 2709	ND	MGK 264 1	159 - 1613	ND
Boscalid	54 - 2746	ND	MGK 264 2	115 - 1107	ND
Carbaryl	41 - 2704	ND	Myclobutanil	63 - 2680	ND
Carbofuran	44 - 2693	ND	Naled	45 - 2719	ND
Chlorantraniliprole	48 - 2736	ND	Oxamyl	42 - 2794	ND
Chlorpyrifos	32 - 2712	ND	Pacllobutrazol	49 - 2710	ND
Clofentezine	287 - 2723	ND	Permethrin	298 - 2806	ND
Diazinon	280 - 2764	ND	Phosmet	42 - 2710	ND
Dichlorvos	258 - 2800	ND	Prophos	292 - 2735	ND
Dimethoate	39 - 2754	ND	Propoxur	42 - 2702	ND
E-Fenpyroximate	287 - 2787	ND	Pyridaben	279 - 2753	ND
Etofenprox	44 - 2757	ND	Spinosad A	34 - 2215	ND
Etoxazole	297 - 2757	ND	Spinosad D	49 - 498	ND
Fenoxycarb	39 - 2760	ND	Spiromesifen	275 - 2780	ND
Fipronil	32 - 2766	ND	Spirotetramat	286 - 2780	ND
Flonicamid	50 - 2814	ND	Spiroxamine 1	18 - 1188	ND
Fludioxonil	310 - 2816	ND	Spiroxamine 2	25 - 1549	ND
Hexythiazox	41 - 2760	ND	Tebuconazole	270 - 2755	ND
Imazalil	273 - 2786	ND	Thiacloprid	41 - 2783	ND
Imidacloprid	44 - 2800	ND	Thiamethoxam	42 - 2797	ND
Kresoxim-methyl	46 - 2810	ND	Trifloxystrobin	42 - 2722	ND

Final Approval


 Sam Smith
 20Jul2022
 12:51:00 PM MDT
 PREPARED BY / DATE


 Daniel Weidensaul
 20Jul2022
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 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/1914f92c-4042-4581-af78-f33338dd0c3d>

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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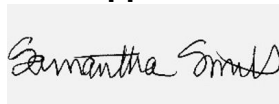
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Kai CBD & THC Dark Chocolate Bar

Batch ID or Lot Number: 11348	Test: Residual Solvents	Reported: 22Jul2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000214746	Started: 21Jul2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS); Residual Solvents	Received: 19Jul2022	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	92 - 1845	ND	
Butanes (Isobutane, n-Butane)	188 - 3766	ND	
Methanol	63 - 1254	ND	
Pentane	101 - 2025	ND	
Ethanol	97 - 1945	1441	
Acetone	111 - 2227	ND	
Isopropyl Alcohol	107 - 2131	ND	
Hexane	6 - 123	ND	
Ethyl Acetate	92 - 1848	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	109 - 2189	ND	
Toluene	19 - 383	ND	
Xylenes (m,p,o-Xylenes)	148 - 2960	ND	

Final Approval



Sam Smith
 22Jul2022
 11:20:00 AM MDT

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Jacob Miller
 22Jul2022
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Definitions

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