CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Bath Bombs, Lavender

PRODUCT STRENGTH: 25 mg / single ball, 100 mg / tube

BATCH: 21294-02 10/22/2023 **BEST BY DATE: HEMP EXTRACT LOT:** C0623-001

Click on the links to view third-party reports

Physical Atttributes

Test	Method	Specification	Results
Color	Internal	Pure white	PASS
Odor	Internal	Lavender	PASS
Appearance	Internal	Firm sphere with a thick band around the circumference of the center, in plastic wrap.	PASS
Primary Package Eval.	Internal	Container clean and free of filth. Box carton is tight and tamper-evident label intact.	PASS
Secondary Package Eval.	Internal	Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure.	PASS

Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
Potency - Total CBD	HPLC-UV DAD	LOQ*: ≥ 25 mg / single sphere, 100 mg / tube	28.5 mg	PASS
Potency - D9-THC	HPLC-UV DAD	LOQ: <0.01% THC (Broad Spectrum)	Below LOQ	PASS
Expanded Pesticide Panel	HPLC-QQQ	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	PASS
Microbial Escherichia coli (STEC)	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 **CFU/25	Absent	PASS
Microbial Salmonella	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	Absent	PASS
Microbial Yeast and Mold	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram	Below LOQ	PASS
Microbial Total Coliforms*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram	Below LOQ	PASS
Microbial Total Aerobic Count*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^3 CFU/gram	Below LOQ	PASS
Heavy Metals	ICP-MS	Arsenic (As): ≤1.5 ppm† Cadmium (Cd): ≤0.5 ppm Lead (Pb): ≤0.5 ppm Mercury (Hg): ≤1.5 ppm	Below LOQ	PASS
Mycotoxins	ICP-MS	Total Aflatoxins <20 ppb†† Afltoxin B1 < 5 ppb Ochratoxin < 5ppb	Below LOQ	PASS
Residual Solvents	GC-HS-MSD	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	PASS

Values expressed in scientific notation. Examples: 10^2=100 10^3=1,000

Quality Certified

Kayla Kolber Kayla Kolber

11/10/2021

Date

^{*}Level of Quantification **Colony Forming Units per Gram † Parts Per Million †† Part Per Billion



Official Compliance: Colorado CERTIFICATE OF ANALYSIS

Notes

of Servings = 1 Sample Weight=21.792g

PJOBBL

Batch ID or Lot Number: Test: Reported: 21294-02 11/2/21 **Potency**

Matrix: Test ID: Started: **USDA License:**

Unit T000172339 11/1/21 N/A

Received: Sampler ID: Status: Method:

TM14 (HPLC-DAD): Potency - Broad N/A 10/28/2021 @ 10:41 AM N/A

> Spectrum Analysis, 0.01% THC (Colorado Panel)

CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.486	1.650	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.548	1.863	ND	ND
Cannabidiolic acid (CBDA)	3.640	11.986	ND	ND
Cannabidiol (CBD)	3.549	11.686	28.503	1.31
Delta 8-Tetrahydrocannabinol (Delta 8THC)	3.757	12.350	ND	ND
Cannabinolic Acid (CBNA)	2.151	7.073	ND	ND
Cannabinol (CBN)	0.984	3.235	ND	ND
Cannabigerolic acid (CBGA)	3.153	10.366	ND	ND
Cannabigerol (CBG)	0.754	2.480	2.28*	0.1*
Tetrahydrocannabivarinic Acid (THCVA)	2.666	8.765	ND	ND
Tetrahydrocannabivarin (THCV)	0.686	2.256	ND	ND
Cannabidivarinic Acid (CBDVA)	1.518	5.000	ND	ND
Cannabidivarin (CBDV)	0.839	2.764	ND	ND
Cannabichromenic Acid (CBCA)	1.215	3.995	ND	ND
Cannabichromene (CBC)	1.329	4.368	ND	ND

Total Cannabinoids	30.783	1.41
Total Potential THC**	ND	ND
Total Potential CBD**	28.503	1.31



Hannah Wright 02-Nov-2021 06:09 PM

Danuel Wardensaul

Daniel Weidensaul 2-Nov-21 6:25 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitiation (LOQ) and above the Limit of Detection (LOD).

** Total Potential THC/CBD 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)) and Total CBD = CBD + (CBDa *(0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

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.











PJOBBL

Batch ID or Lot Number: 21294-02	Test: Pesticides	Reported: 11/2/21	
Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000172340	11/1/21	N/A
Status:	Method:	Received:	Sampler ID:
N/A	TM17(LC-QQQ LC MS/MS):	10/28/2021 @ 10:41 AM	N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	49	ND	Fenoxycarb	47	ND	Paclobutrazol	51	ND
Acetamiprid	45	ND	Fipronil	49	ND	Permethrin	302	ND
Avermectin	311	ND	Flonicamid	52	ND	Phosmet	46	ND
Azoxystrobin	43	ND	Fludioxonil	322	ND	Prophos	278	ND
Bifenazate	42	ND	Hexythiazox	47	ND	Propoxur	44	ND
Boscalid	47	ND	Imazalil	307	ND	Pyridaben	280	ND
Carbaryl	44	ND	Imidacloprid	51	ND	Spinosad A	32	ND
Carbofuran	48	ND	Kresoxim-methyl	150	ND	Spinosad D	58	ND
Chlorantraniliprole	59	ND	Malathion	304	ND	Spiromesifen	308	ND
Chlorpyrifos	500	ND	Metalaxyl	48	ND	Spirotetramat	309	ND
Clofentezine	302	ND	Methiocarb	49	ND	Spiroxamine 1	24	ND
Diazinon	309	ND	Methomyl	55	ND	Spiroxamine 2	29	ND
Dichlorvos	322	ND	MGK 264 1	188	ND	Tebuconazole	309	ND
Dimethoate	45	ND	MGK 264 2	127	ND	Thiacloprid	45	ND
E-Fenpyroximate	284	ND	Myclobutanil	45	ND	Thiamethoxam	48	ND
Etofenprox	40	ND	Naled	49	ND	Trifloxystrobin	45	ND
Etoxazole	314	ND	Oxamyl	1500	ND			

Samantha Small

Sam Smith 11/2/2021 4:32:00 PM

Daniel Wardonsand

Daniel Weidensaul 11/2/2021 4:55:00 PM

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Definitions

LOQ = Limit of Quantification ppb = Parts per Billion

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PJOBBL

Batch ID or Lot Number: Reported: Test: 21294-02 **Microbial** 11/5/21

Contaminants

Test ID: Started: **USDA License:** Matrix:

Finished Product T000173012 11/2/21 N/A

Methods: Sampler ID: Status: Received:

TM25 (qPCR) N/A 11/02/2021 @ 10:49 AM N/A

> TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26, Culture Plating	10^2 CFU/g	10^3 CFU/g	1.5x10^5 CFU/g	None Detected
Total Coliforms*	TM-27, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
Total Yeast and Mold*	TM-24, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent

Notes

Free from visual mold, mildew, and foreign matter

Jackson Osaghae-Nosa 11/5/2021 10:17:00 AM

Carly Bade

Carly Bader 11/5/2021 10:20:00 AM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing E. coli

* 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

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PJOBBL

Batch ID or Lot Number: 21294-02	Test: Metals	Reported: 11/3/21	
Matrix: Unit Co	Test ID: T000172342	Started: 11/2/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel)	Received: 10/28/2021 @ 10:41 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.043 - 4.32	ND	
Cadmium	0.044 - 4.40	ND	
Mercury	0.042 - 4.24	ND	
Lead	0.043 - 4.32	ND	

Daniel Westersaul

Daniel Weidensaul 3-Nov-21

1:24 PM

Samantha Smill

Sam Smith 3-Nov-21 1:26 PM

PREPARED BY / DATE

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Definitions

ND = None Detected (Defined by Dynamic Range of the method)



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PJOBBL

Batch ID or Lot Number: Test: Reported:

21294-02 Mycotoxins 11/2/21

Matrix: Test ID: Started: USDA License:

Concentrate T000172344 11/2/21 N/A

Status: Method: Received: Sampler ID: N/A TM18 (UHPLC-QQQ LCMS/MS): 10/28/2021 @ 10:41 AM N/A

Mycotoxins (Colorado Panel)

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.5 - 128.3	ND	N/A
Aflatoxin B1	1.1 - 32.9	ND	
Aflatoxin B2	1 - 33.7	ND	
Aflatoxin G1	1.3 - 33.4	ND	
Aflatoxin G2	1.2 - 31.2	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Samantha Small

Sam Smith 2-Nov-21 5:03 PM

ADDDOVED BY / DA

APPROVED BY / DATE

Ryan Weems

2-Nov-21

5:05 PM

Definitions

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ND = None Detected (Defined by Dynamic Range of the method)

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CDPHE Certified





Certificate #4329.02



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PJOBBL

Batch ID or Lot Number: Test: Reported:

21294-02 Residual Solvents 10/29/21

Matrix: Test ID: Started: USDA License:

N/A T000172343 10/29/21 N/A

Status: Methods: Received: Sampler ID:

N/A TM04 (GC-MS): Residual Solvents 10/28/2021 @ 10:41 AM N/A

(Colorado Panel)

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	124 - 2473	*ND	
Butanes (Isobutane, n-Butane)	244 - 4888	*ND	
Methanol	92 - 1843	*ND	
Pentane	134 - 2682	*ND	
Ethanol	148 - 2953	*ND	
Acetone	145 - 2907	*ND	
Isopropyl Alcohol	156 - 3120	*ND	
Hexane	8 - 157	*ND	
Ethyl Acetate	148 - 2958	*ND	
Benzene	0.3 - 6	*ND	
Heptanes	140 - 2802	*ND	
Toluene	26 - 527	*ND	
Xylenes		*ND	
(m,p,o-Xylenes)	.55 5550		

400

Hannah Wright 29-Oct-21 5:53 PM

Mygun Veus

Ryan Weems 29-Oct-21 5:55 PM

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APPROVED BY / DATE

Definitions

* ND = None Detected (Defined by Dynamic Range of the method)

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