DANU

CERTIFICATE OF ANALYSIS

PRODUCT NAME:	CBD Bath Bombs
PRODUCT STRENGTH:	25 mg / each
BEST BY DATE:	02/04/2023
FILL LOT NUMBER:	21033-21
BATH BOMB LOT NUMBER:	21033-21
HEMP EXTRACT LOT NUMBER:*	C0125-001

Click on the links to view third party results!

Physical Atttributes

Test	Method	Specification	Results
Color	SOP-100	White to slightly off-white	PASS
Odor	SOP-100	Lavender	PASS
Appearance	SOP-100	Round, white to slightly off-white bath bombs in shrink wrap	PASS
Primary Package Eval.	SOP-132	Container clean and free of filth. Container caps tight and shrink ba intact	PASS
Secondary Package Eval.	SOP-132	Labeling Compliance Checked, Cartons sturdy and clean. Sufficie cushion material exists. Box taped and secure.	PASS

Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
Potency - Total CBD	SOP-111	23.75-31.25 mg CBD / ea. LOQ**: 10 PPM† (0.001%)	37.1 mg	PASS
Potency - D9-THC	SOP-111	None Detected LOQ: 10 PPM (0.001%)	ND	PASS
FL Compliant Pesticide Panel	SOP-111	Florida State Hemp Program Rule 5B-57.014: Action Limits for Pesticides	ND	PASS
Microbial - Stec E.Coli	SOP-111	Complies with USP 61/62	Below LOQ	PASS
Microbial - Salmonella	SOP-111	Complies with USP 61/62	Below LOQ	PASS
Microbial - Mold	SOP-111	Complies with USP 61/62	Below LOQ	PASS
CA Compliant Heavy Metal Panel	SOP-111	Arsenic (As): ≤1.5 PPM Cadmium (Cd): ≤0.5 PPM Mercury (Hg): ≤1.0 PPM Lead (Pb): ≤0.5 PPM	Below LOQ	PASS

* Level of Quantitation, † Parts Per Million

Quality Certified by: Kei Horikawa 03/10/2021

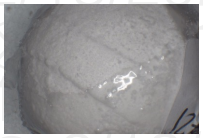
Kei Horikawa — Date

Quality Control Manager

certificate ID
1BG10

BathBomb 0.8oz 33-21

7USC1639 Certificate of Analysis



Batch# 21033-21 prod. date 2/4/2021

rec'd 2/9/2021 10:12:21 AM order 9766

total cannabinoids
38.3mg per bomb

THC tot ND

CBD tot 37.1mg

This Product Has Been Tested and Complies with 7USC1639o(1)

Stillwater Laboratories

Potency per bomb

	MSP-7.5.1.4	LOD LOQ error (95%CI k=2)
total cannabinoids	**38.3mg**	**0.02 I 0.06 I ±0.74mg**
total THC‡	**ND**	**0.02 I 0.06 I ±0.06mg**
total THC (THC+THCa)	**ND**	**0.02 I 0.06 I ±0.06mg**
total CBD‡	**37.1mg**	**0.02 I 0.06 I ±0.72mg**
total CBD (CBD+CBDa)	**37.1mg**	**0.02 I 0.06 I ±0.72mg**
tetrahydrocannabolic acid (THCa)	ND	0.02 I 0.06 I ±0.06mg
Δ9-tetrahydrocannabinol (Δ9 THC)	ND	0.02 I 0.05 I ±0.05mg
Δ8-tetrahydrocannabinol (Δ8 THC)	ND	0.02 I 0.07 I ±0.07mg
tetrahydrocannabivarin (THCv)	ND	0.02 I 0.06 I ±0.06mg
cannabidiolic acid (CBDa)	ND	0.02 I 0.05 I ±0.05mg
cannabidiol (CBD)	37.1mg	0.02 I 0.06 I ±0.72mg
cannabidivarin (CBDv)	ND	0.02 I 0.06 I ±0.06mg
cannabigerolic acid (CBGa)	ND	0.02 I 0.05 I ±0.05mg
cannabigerol (CBG)	1.2mg	0.01 I 0.03 I ±0.05mg
cannabinol (CBN)	ND	0.01 I 0.03 I ±0.03mg
cannabichromene (CBC)	ND	0.02 I 0.06 I ±0.06mg

Microbial

	MSP-7.5.1.10	limit	LOD LOQ error	result
E.coli	ND	0CFU	151.8 I 455.4 I ±455.4CFU	PASS
Salmonella sp.	ND	0CFU	151.8 I 455.4 I ±455.4CFU	PASS
molds	ND	10000CFU	0.1 I 0.2 I ±0.2CFU	PASS
Ochratoxin A	ND	20 ppb	1.3 I 3.9 I ±3.9 ppb	PASS
Aflatoxin B1B2G1G2	ND	20 ppb	0.1 I 0.3 I ±0.3 ppb	PASS

Metals

	MSP-7.5.1.11	limit	LOD LOQ error	result
Arsenic	ND	1500 ppb	87.4 I 262.3 I ±262.3 ppb	PASS
Cadmium	ND	500 ppb	48.7 I 146.1 I ±146.1 ppb	PASS
Lead	ND	500 ppb	241.9 I 725.6 I ±725.6 ppb	PASS
Mercury	ND	300 ppb	44.3 I 132.8 I ±132.8 ppb	PASS

Pesticides

	MSP-7.5.1.8	limit	LOD LOQ error	result
Pyrethrin	ND	1.00 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Pyridaben	ND	3.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Spinetoram	ND	3.00 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Spinosad	ND	3.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Spiromesifen	ND	12.00 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Spirotetramat	ND	13.00 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Spiroxamine	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Tebuconazole	ND	2.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Thiacloprid	ND	0.10 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Thiamethoxam	ND	4.50 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Trifloxystrobin	ND	30.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Pesticides

	MSP-7.5.1.8	limit	LOD LOQ error	result
Abamectin	ND	0.30 ppm	0.001 I 0.002 I ±0.002 ppm	PASS
Acephate	ND	5.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Acequinocyl	ND	4.00 ppm	0.001 I 0.003 I ±0.003 ppm	PASS
Acetamiprid	ND	5.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Aldicarb	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Azoxystrobin	ND	40.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Bifenazate	ND	5.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Bifenthrin	ND	0.50 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Boscalid	ND	10.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Carbaryl	ND	0.50 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Carbofuran	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Chloantraniliprole	ND	40.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Chlorfenapyr	ND	0.00 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Chlorpyrifos	ND	0.00 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Clofentezine	ND	0.50 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Coumaphos	ND	0.00 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Cyfluthrin	ND	1.00 ppm	0.001 I 0.002 I ±0.002 ppm	PASS
Cypermethrin	ND	1.00 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Daminozide	ND	0.00 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Dichlorvos	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Diazinon	ND	0.20 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Dimethoate	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Etoxazole	ND	1.50 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Fenoxycarb	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Fenpyroximate	ND	2.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Fipronil	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Flonicamid	ND	2.00 ppm	0.001 I 0.002 I ±0.002 ppm	PASS
Fludioxonil	ND	30.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Hexythiazox	ND	2.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Imazalil	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Imidacloprid	ND	3.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Malathion	ND	5.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Metalaxyl	ND	15.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Methiocarb	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Methomyl	ND	0.10 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Methyl parathion	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Mevinphos	ND	0.00 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Myclobutanil	ND	9.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Naled	ND	0.50 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Oxamyl	ND	0.20 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Paclobutrazol	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Permethrin	ND	20.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Phosmet	ND	0.20 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Piperonylbutoxide	ND	8.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Prallethrin	ND	0.40 ppm	<0.001 I 0.001 I ±0.001 ppm	PASS
Propiconazole	ND	20.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS
Propoxur	ND	0.00 ppm	<0.001 I 0.000 I ±0.000 ppm	PASS

Certified by:

Kyle Larson, MSc
Deputy Director

QA Manager

Jacob Harris

ISO/IEC 17025:2017
ACCREDITED
Certificate #4961.01
https://portal.a2la.org/scopepdf/4961-01.pdf

Stillwater Laboratories Inc.
MT License L0001, L00007
6073 US93N Suite 5, Olney MT 59927
406-881-2019

Printed 3/2/2021 11:50 AM

INSTRUMENTS: Potency by HPLC (LC2030C-UV), solvents and terpenes by GCMS (QP2020/HS20), pesticides and mycotoxins by LCMSMS (LC8060), microbial by qPCR (AriaMx) and plating (Hardy Diagnostics), metals by ICPMS (ICPMS-2030)

• All testing was completed onsite at 6073 US93N, Olney MT •• Potency (cannabinoid concentration) is calcuated as: $[\text{cannabioid}] = [\text{cannabinoid}]_{HPLC} \times \text{volume}_{dilution}/m_{dry}$. ••• Decarboxyted cannabinoid concentration is calculated $XXX_{total} = 0.877 \times XXXa + XXX$ •••• Standards are used to calibrate the resulting data and estimate error using a standard estimate of error method; LOD is the limit of detection ($3.3s_i$), LOQ is the limit of quantification (3xLOD), and experimental error is calculated from weighing, dilution, and interpolation error using the formula $s_g^2 = \sum(\partial f/\partial i)^2 s_i^2$ where i is the contributor to error. The 95% confidence range is calculated from: (concentration) $\pm t_{CL90} \times s_g$. Sampling error is not considered in error calculations. ND = not detected (< LOD), NT = not tested, NL = no limit, NA = not applicable. ‡ = decarbed

C0125-001

Certificate of Analysis

total cannabinoids

89.4%

25656

	CBD	THC
total	83.9%	0.0%
decarb total	83.87%	0%

This Product Has Been Tested and Complies with 7USC1639o(1) Definition of Hemp

ISO/IEC 17025:2017

ACCREDITED

Certificate #4961.01

https://portal.a2la.org/scopepdf/4961-01.pdf

Stillwater Laboratories

Sample Handling

test ID — sample date 1/26/21 12:33 PM

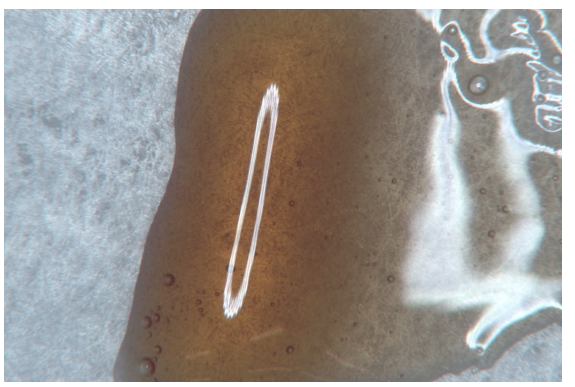
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source 1Z78V4E80196231002

Methods

	method	equipment
weights	MSP-7.3.1.3	AUX120.1
potency	MSP-7.5.1.5	LC-2030
terpenes	MSP-7.5.1.7	QP2020/HS20
pesticides	MSP-7.5.1.8	LC-8060
mycotoxins	MSP-7.5.1.8	LC-8060
microbial	MSP-7.5.1.1	AriaMx/Hardy
solvents	MSP-7.5.1.6	QP2020/HS20
metals	MSP-7.5.1.11	ICPMS2030

concentrate



Potency

	%	estimated error
tetrahydrocannabolic acid (THCa)	0%	± 0.02 %
Δ^9-tetrahydrocannabinol (Δ^9 THC)	0%	± 0.02 %
Δ^8-tetrahydrocannabinol (Δ^8 THC)	0%	± 0.02 %
tetrahydrocannabivarin (THCv)	0%	± 0.02 %
cannabidiolic acid (CBDa)	0%	± 0.02 %
cannabidiol (CBD)	83.87%	± 0.75 %
cannabidivarin (CBDv)	.63%	± 0.07 %
cannabigerolic acid (CBGa)	0%	± 0.02 %
cannabigerol (CBG)	4.94%	± 0.18 %
cannabinol (CBN)	0%	± 0.02 %
cannabichromene (CBC)	0%	± 0.02 %

Terpenes

%	estimated error	%	estimated error	%	estimated error

terpenes
not tested / not required

Solvents

	MT limit	1AW04	LOQ
propane	5,000	PASS	<10ppm
butanes	5,000	PASS	<10ppm
pentanes	5,000	PASS	<10ppm
hexanes	290	PASS	<10ppm
cyclohexane	3,880	PASS	<10ppm
heptanes	5,000	PASS	<10ppm
methanol	3,000	PASS	<10ppm
isopropanol	5,000	PASS	<10ppm
acetone	5,000	PASS	<10ppm
ethyl acetate	5,000	PASS	<10ppm
benzene	2	PASS	<0.2ppm
toluene	890	PASS	<10ppm
xylenes	2,170	PASS	<10ppm
chloroform	2	PASS	<0.2ppm
dichloromethane	600	PASS	<10ppm
acetonitrile	NA	N/A	<10ppm
ethanol	NA	N/A	<10ppm
tetrahydrofuran	NA	N/A	<10ppm

Pesticides (MT)

	MT limit	1AW04	LOQ
abamectin	2.50 ppm	PASS	<10ppb
acequinocyl	10.00 ppm	PASS	<10ppb
bifenazate	1.00 ppm	PASS	<10ppb
bifenthrin	1.00 ppm	PASS	<10ppb
chlormequat cl.	5.00 ppm	PASS	<10ppb
cyfluthrin	5.00 ppm	PASS	<80ppb
diaminozide	5.00 ppm	PASS	<10ppb
etoxazole	1.00 ppm	PASS	<10ppb
fenoxycarb	1.00 ppm	PASS	<10ppb
imazalil	1.00 ppm	PASS	<10ppb
imidacloprid	2.00 ppm	PASS	<10ppb
myclobutanil	0.60 ppm	PASS	<10ppb
paclobutrazol	2.00 ppm	PASS	<10ppb
pyrethrins	5.00 ppm	PASS	<10ppb
spinosad	1.00 ppm	PASS	<10ppb
spiromesifen	1.00 ppm	PASS	<10ppb
spirotetramat	1.00 ppm	PASS	<10ppb
trifloxystrobin	1.00 ppm	PASS	<10ppb

Pesticides (other)

	1AW04	LOQ
acephate	0.00 ppm	<10ppb
acetamiprid	0.00 ppm	<10ppb
aldicarb	0.00 ppm	<10ppb
azoxystrobin	0.00 ppm	<10ppb
boscalid	0.00 ppm	<10ppb
carbaryl	0.00 ppm	<10ppb
carbofuran	0.00 ppm	<10ppb
chloantraniliprole	0.00 ppm	<10ppb
chlorpyrifos	0.00 ppm	<10ppb
clofentezine	0.00 ppm	<10ppb
cypermethrin	0.00 ppm	<10ppb
diazinon	0.00 ppm	<10ppb
dichlorvos	0.00 ppm	<10ppb
dimethoate	0.00 ppm	<10ppb
etofenprox	0.00 ppm	<10ppb
fenpyroximate	0.00 ppm	<10ppb
fipronil	0.00 ppm	<10ppb
flonicamid	0.00 ppm	<10ppb
fludioxonil	0.00 ppm	<10ppb
hexythiazox	0.00 ppm	<10ppb
kresoxym-methyl	0.00 ppm	<10ppb
malathion	0.00 ppm	<10ppb
metalaxyl	0.00 ppm	<10ppb
methiocarb	0.00 ppm	<10ppb
methomyl	0.00 ppm	<10ppb
oxamyl	0.00 ppm	<10ppb
permethrins	0.00 ppm	<10ppb
phosmet	0.00 ppm	<10ppb
piperonyl butoxide	0.00 ppm	<10ppb
prallethrin	0.00 ppm	<10ppb
propiconazole	0.00 ppm	<10ppb
pyridaben	0.00 ppm	<10ppb
spiroxamine	0.00 ppm	<10ppb
tebuconazole	0.00 ppm	<10ppb
thiacloprid	0.00 ppm	<10ppb
thiamethoxam	0.00 ppm	<10ppb

Toxic Metals

	MT limit	1AW04	LOQ
arsenic	2 ppm	PASS	<10ppb
cadmium	4.1 ppm	PASS	<10ppb
lead	1.2 ppm	PASS	<10ppb
mercury	0.4 ppm	PASS	<10ppb

Microbial

	MT limit	1AW04	LOQ
E. coli	10 CFU		<10 CFU/g
Salmonella sp.	10 CFU	PASS	<10 CFU/g
molds	10000 CFU	PASS	<10k CFU/g
Aflatoxin B1,B2,G1,G2	20 ppb	PASS	<20 ppb
Ochratoxin A	20 ppb	PASS	<20 ppb

• All testing was completed onsite at 6073 US93N, Olney MT •• Potency (cannabinoid concentration) is calcuated from the equation: [cannabioid] = $[\text{cannabinoid}]_{HPLC} \times \text{volume}_{dilution}/m_{dry}$. Terpene concentration is calcuated from the equation: [terpene] = $(\text{terpene mass})_{GCMS} / m_{dry}$. ••• Decarboxyted cannabinoid concentration is calculated from the equation $XXX_{total} = 0.877 \times XXXa + XXX$ •••• Standards are used to calibrate the resulting data and estimate error using a standard estimate of error method; this is combined with error from weighing and dilution using the propagation of error formula $s_g^2 = \sum(\partial f/\partial i)^2 s_i^2$ where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) $\pm t_{CL90} \times s_g$. Sampling error is not

Certified by:

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