DANU

CERTIFICATE OF ANALYSIS

PRODUCT NAME:	Danu Certified Organic CBD Salve
PRODUCT STRENGTH:	1000 mg
FILL LOT NUMBER:	NA
SALVE BATCH:	21153-06
BEST BY DATE:	06/04/2023
HEMP EXTRACT LOT	05GD-210318

Click on the links to view third-party reports

Physical Atttributes

Test	Method	Specification	Results
Color	SOP-100	Off-white, cream color	PASS
Odor	SOP-100	Neutral scent w/hint of hemp oil, sweet beeswax	PASS
Appearance	SOP-100	Firm textured salve in white roll-on container with cap	PASS
Primary Package Eval.	SOP-132	Container clean and free of filth. Container caps tight and shrink bands intact	PASS
Secondary Package Eval.	SOP-132	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	SOP-111	1000-1300mg CBD LOQ**: 10 PPM† (0.001%)	**1077.0 mg**	PASS
Potency - D9-THC	SOP-111	None Detected LOQ: 10 PPM (0.001%)	**ND**	PASS
Compliant Pesticide Panel	SOP-111	WIP-100008 : Product specification for Tinctures, Oregon Action limits apply	**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 - Yeast and 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	**ND**	PASS

* *Level of Quantitation, † Parts Per Million

Quality Certified — Kayla Kolber — 06/18/2021

Kayla Kolber
Quality Assurance Technician

Date

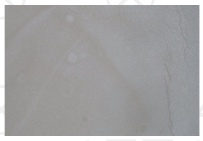
certificate ID
1FE14

Salve 2oz

OS2OZ1000-21153-06

rec'd 6/8/2021 3:34:43 PM

order 10969



total cannabinoids per
1141.7mg 2oz

THC‡ ND

CBD‡ 1077.0mg

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

Stillwater Laboratories

7USC1639 Certificate of Analysis

Potency

per 2oz	MSP-7.5.1.4	LOD | LOQ | error (95%CI k=2)
total cannabinoids	**1141.7mg**	**0.02 | 0.07 | ±20.50mg**
total THC‡	**ND**	**0.02 | 0.07 | ±0.07mg**
total THC (THC+THCa)	**ND**	**0.02 | 0.07 | ±0.07mg**
total CBD‡	1077.0mg	0.02 | 0.07 | ±19.34mg
total CBD (CBD+CBDa)	1077.5mg	0.02 | 0.07 | ±19.35mg
tetrahydrocannabolic acid (THCa)	ND	0.02 | 0.07 | ±0.07mg
Δ9-tetrahydrocannabinol (Δ9 THC)	ND	0.02 | 0.06 | ±0.06mg
Δ8-tetrahydrocannabinol (Δ8 THC)	ND	0.03 | 0.08 | ±0.08mg
tetrahydrocannabivarin (THCv)	ND	0.02 | 0.07 | ±0.07mg
cannabidiolic acid (CBDa)	4.1mg	0.02 | 0.06 | ±0.13mg
cannabidiol (CBD)	1073.4mg	0.02 | 0.07 | ±19.28mg
cannabidivarin (CBDv)	ND	0.02 | 0.07 | ±0.07mg
cannabigerolic acid (CBGa)	ND	0.02 | 0.06 | ±0.06mg
cannabigerol (CBG)	63.4mg	0.01 | 0.02 | ±1.15mg
cannabinol (CBN)	0.8mg	0.01 | 0.04 | ±0.05mg
cannabichromene (CBC)	ND	0.02 | 0.07 | ±0.07mg

Microbial

	MSP-7.5.1.10	limit	LOD | LOQ | error	result
E.coli	ND	0CFU	0.0 | 0.1 | ±0.1CFU	PASS
Salmonella sp.	ND	0CFU	0.0 | 0.1 | ±0.1CFU	PASS
molds	ND	10000CFU	1.6 | 4.9 | ±4.9CFU	PASS
Ochratoxin A	ND	20 ppb	0.3 | 0.8 | ±0.8 ppb	PASS
Aflatoxin B1B2G1G2	ND	20 ppb	0.3 | 0.8 | ±0.8 ppb	PASS

Metals

	MSP-7.5.1.11	limit	LOD | LOQ | error	result
Arsenic	ND	1500 ppb	8.1 | 24.2 | ±24.2 ppb	PASS
Cadmium	ND	500 ppb	8.7 | 26.1 | ±26.1 ppb	PASS
Lead	ND	500 ppb	13.6 | 40.7 | ±40.7 ppb	PASS
Mercury	ND	300 ppb	6.8 | 20.5 | ±20.5 ppb	PASS

Pesticides

	MSP-7.5.1.8	limit	LOD | LOQ | error	result
Pyrethrin	ND	1.00 ppm	0.002 | 0.005 | ±0.005 ppm	PASS
Pyridaben	ND	3.00 ppm	0.001 | 0.002 | ±0.002 ppm	PASS
Spinetoram	ND	3.00 ppm	0.002 | 0.006 | ±0.006 ppm	PASS
Spinosad	ND	3.00 ppm	0.004 | 0.013 | ±0.013 ppm	PASS
Spiromesifen	ND	12.00 ppm	0.002 | 0.006 | ±0.006 ppm	PASS
Spirotetramat	ND	13.00 ppm	0.001 | 0.004 | ±0.004 ppm	PASS
Spiroxamine	ND	0.00 ppm	0.001 | 0.002 | ±0.002 ppm	PASS
Tebuconazole	ND	2.00 ppm	0.003 | 0.010 | ±0.010 ppm	PASS
Thiacloprid	ND	0.10 ppm	0.001 | 0.002 | ±0.002 ppm	PASS
Thiamethoxam	ND	4.50 ppm	0.002 | 0.006 | ±0.006 ppm	PASS
Trifloxystrobin	ND	30.00 ppm	0.001 | 0.004 | ±0.004 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	0.005 | 0.014 | ±0.014 ppm	PASS
Acephate	ND	5.00 ppm	0.005 | 0.014 | ±0.014 ppm	PASS
Acequinocyl	ND	4.00 ppm	0.004 | 0.012 | ±0.012 ppm	PASS
Acetamiprid	ND	5.00 ppm	0.003 | 0.010 | ±0.010 ppm	PASS
Aldicarb	ND	0.00 ppm	0.001 | 0.004 | ±0.004 ppm	PASS
Azoxystrobin	ND	40.00 ppm	0.001 | 0.004 | ±0.004 ppm	PASS
Bifenazate	ND	5.00 ppm	0.001 | 0.003 | ±0.003 ppm	PASS
Bifenthrin	ND	0.50 ppm	0.001 | 0.002 | ±0.002 ppm	PASS
Boscalid	ND	10.00 ppm	0.013 | 0.039 | ±0.039 ppm	PASS
Carbaryl	ND	0.50 ppm	0.005 | 0.015 | ±0.015 ppm	PASS
Carbofuran	ND	0.00 ppm	0.001 | 0.003 | ±0.003 ppm	PASS
Chloantraniliprole	ND	40.00 ppm	0.012 | 0.037 | ±0.037 ppm	PASS
Chlorfenapyr	ND	0.00 ppm	0.003 | 0.010 | ±0.010 ppm	PASS
Chlorpyrifos	ND	0.00 ppm	0.026 | 0.078 | ±0.078 ppm	PASS
Clofentezine	ND	0.50 ppm	0.005 | 0.014 | ±0.014 ppm	PASS
Coumaphos	ND	0.00 ppm	0.003 | 0.010 | ±0.010 ppm	PASS
Cyfluthrin	ND	1.00 ppm	0.005 | 0.014 | ±0.014 ppm	PASS
Cypermethrin	ND	1.00 ppm	0.003 | 0.010 | ±0.010 ppm	PASS
Daminozide	ND	0.00 ppm	0.018 | 0.053 | ±0.053 ppm	PASS
Dichlorvos	ND	0.00 ppm	0.009 | 0.027 | ±0.027 ppm	PASS
Diazinon	ND	0.20 ppm	0.001 | 0.002 | ±0.002 ppm	PASS
Dimethoate	ND	0.00 ppm	0.001 | 0.004 | ±0.004 ppm	PASS
Etoxazole	ND	1.50 ppm	0.002 | 0.007 | ±0.007 ppm	PASS
Fenoxycarb	ND	0.00 ppm	0.002 | 0.007 | ±0.007 ppm	PASS
Fenpyroximate	ND	2.00 ppm	0.001 | 0.002 | ±0.002 ppm	PASS
Fipronil	ND	0.00 ppm	0.005 | 0.014 | ±0.014 ppm	PASS
Flonicamid	ND	2.00 ppm	0.063 | 0.188 | ±0.188 ppm	PASS
Fludioxonil	ND	30.00 ppm	0.004 | 0.012 | ±0.012 ppm	PASS
Hexythiazox	ND	2.00 ppm	0.001 | 0.002 | ±0.002 ppm	PASS
Imazalil	ND	0.00 ppm	0.004 | 0.012 | ±0.012 ppm	PASS
Imidacloprid	ND	3.00 ppm	0.001 | 0.002 | ±0.002 ppm	PASS
Malathion	ND	5.00 ppm	0.003 | 0.010 | ±0.010 ppm	PASS
Metalaxyl	ND	15.00 ppm	0.005 | 0.014 | ±0.014 ppm	PASS
Methiocarb	ND	0.00 ppm	0.002 | 0.007 | ±0.007 ppm	PASS
Methomyl	ND	0.10 ppm	<0.001 | 0.001 | ±0.001 ppm	PASS
Methyl parathion	ND	0.00 ppm	0.001 | 0.002 | ±0.002 ppm	PASS
Mevinphos	ND	0.00 ppm	0.003 | 0.010 | ±0.010 ppm	PASS
Myclobutanil	ND	9.00 ppm	0.001 | 0.002 | ±0.002 ppm	PASS
Naled	ND	0.50 ppm	0.003 | 0.010 | ±0.010 ppm	PASS
Oxamyl	ND	0.20 ppm	0.001 | 0.004 | ±0.004 ppm	PASS
Paclobutrazol	ND	0.00 ppm	0.002 | 0.005 | ±0.005 ppm	PASS
Permethrin	ND	20.00 ppm	0.006 | 0.019 | ±0.019 ppm	PASS
Phosmet	ND	0.20 ppm	0.002 | 0.006 | ±0.006 ppm	PASS
Piperonylbutoxide	ND	8.00 ppm	0.006 | 0.019 | ±0.019 ppm	PASS
Prallethrin	ND	0.40 ppm	0.002 | 0.007 | ±0.007 ppm	PASS
Propiconazole	ND	20.00 ppm	0.002 | 0.007 | ±0.007 ppm	PASS
Propoxur	ND	0.00 ppm	0.004 | 0.011 | ±0.011 ppm	PASS

Certified by:

ASA PFC Laboratory

A2LA ACCREDITED
CERT #s 4961.01, 4961.02 & 4961.03

https://customer.a2la.org/index.cfm?event=directory.detail&labPID=423635B2-5128-4C6F-871A-419DCF43B0D7

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

Printed 6/10/2021 12:12 PM

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: [cannabioid] = $[\text{cannabinoid}]_{HPLC} \times \text{volume}_{dilution}/m_{dry}$. ••• Decarboxyted cannabinoid concentration is calculated XXX_{total} = 0.877 x 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

Certificate of Analysis

Powered by Confident Cannabis

Sample: 2103DBL0448.3288

METRC Sample:
Lot #: PH-21068-BS-5M-O
Batch #: O5GD-210318

Strain: Distillate
Ordered: 03/30/2021; Sampled: 03/31/2021; Completed: 04/06/2021

OBX Organic 5G Distillate

Concentrates & Extracts, Distillate, Other

DB labs APPROVED

Pesticides | Microbials | Mycotoxins | Heavy Metals | Foreign Matter | Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS







0.335%
Total Terpenes

Compound	LOQ	Mass %	Mass mg/g	Relative Concentration
β-Caryophyllene		0.117	1.17	
α-Bisabolol		0.094	0.94	
α-Humulene		0.046	0.46	
cis-Nerolidol		0.035	0.35	
Guaiol		0.029	0.29	
Linalool		0.010	0.10	
trans-Nerolidol		0.003	0.03	
α-Pinene		<LOQ	<LOQ	
α-Terpinene		<LOQ	<LOQ	
β-Myrcene		<LOQ	<LOQ	
β-Pinene		<LOQ	<LOQ	
Camphene		<LOQ	<LOQ	
Caryophyllene Oxide		<LOQ	<LOQ	
cis-Ocimene		<LOQ	<LOQ	
δ-3-Carene		<LOQ	<LOQ	
δ-Limonene		<LOQ	<LOQ	
Eucalyptol		<LOQ	<LOQ	
γ-Terpinene		<LOQ	<LOQ	
Geraniol		<LOQ	<LOQ	
Isopulegol		<LOQ	<LOQ	
p-Cymene		<LOQ	<LOQ	
Terpinolene		<LOQ	<LOQ	
trans-Ocimene		<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

<LOQ
Total THC

85.371%
Total CBD

NT
Moisture: Not Tested

91.524%
Total Cannabinoids

Compound	LOQ	Mass %	Mass mg/g	Relative Concentration
CBC		0.067	0.67	
CBCa		<LOQ	<LOQ	
CBD		85.371	853.71	
CBDa		<LOQ	<LOQ	
CBDV		0.878	8.78	
CBDVa		<LOQ	<LOQ	
CBG		5.208	52.08	
CBGa		<LOQ	<LOQ	
CBL		<LOQ	<LOQ	
CBN		<LOQ	<LOQ	
Δ8-THC		<LOQ	<LOQ	
Δ9-THC		<LOQ	<LOQ	
THCa		<LOQ	<LOQ	
THCV		<LOQ	<LOQ	
THCVa		<LOQ	<LOQ	

Total THC = 0.877 x THCA + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD



Notes: Updated lot number.

Benjamin G.M. Chew, Ph.D.
Laboratory Director

Glen Marquez
Quality Control

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(702) 728-5180
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This report is considered highly confidential and the sole property of the customer. DB Labs will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation. NA = Not Analyzed. ND = Not Detected. NR = Not Reported. NT = Not Tested. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.

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Lot #: PH-21068-BS-5M-O
Batch #: O5GD-210318

Strain: Distillate
Ordered: 03/30/2021; Sampled: 03/31/2021; Completed: 04/06/2021

OBX Organic 5G Distillate

Concentrates & Extracts, Distillate, Other

Pesticides — Pass

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	50	300	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	1000	<LOQ	Pass
Daminozide	10	800	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Flonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	400	<LOQ	Pass
Imidacloprid	10	300	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Paclobutrazol	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1200	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

Microbials — Pass

Analyzed by 300.1 Plating/QPCR

Quantitative Analysis	LOQ	Limit	Mass	Status
			CFU/g	
Bile-Tolerant Gram-Negative Bacteria	1	1000	<LOQ	Pass
Yeast & Mold	10	1000	<LOQ	Pass

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

Mycotoxins — Pass

Analyzed by 300.2 Elisa

Mycotoxin	LOQ	Limit	Status
	PPB	PPB	
Aflatoxins	40	400	Pass
Ochratoxin A	100	300	Pass

Heavy Metals — Pass

Analyzed by 300.8 ICP/MS

Element	LOQ	Limit	Status
	PPM	PPM	
Arsenic	0.5	0.5	Pass
Cadmium	0.5	0.5	Pass
Lead	0.5	0.5	Pass
Mercury	0.1	0.1	Pass

Residual Solvents — Pass

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ	Limit	Status
	PPM	PPM	
Butanes	43	1000	Pass
Ethanol	417		Tested
Heptanes	42	350	Pass
Propane	43	350	Pass

Benjamin G.M. Chew, Ph.D.
Laboratory Director

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