



Confidence Analytics

Cannabis Analytics and Research Specialists

WSLCB License # 0003 | 14797 NE 95th St, Redmond, WA 98052 | (206) 743-8843 | info@conflabs.com

Certified For: Cannabinoids | Microbiologicals | Mycotoxins | Foreign Matter | Moisture | Terpenes | Residual Solvents | Pesticides

Research and Development Certificate of Analysis

Official Test Results for Laboratory Sample # 6111771

Origination: ZoneIn CBD

UBI #:

Inventory #: 190100

Strain: Balance Capsules

License #:

QA #: 20191120MLV0010



Type: Capsule

Harvest Date: Unknown

Result #: Unlisted

Address: 6947 Coal Creek Pkwy SE #199 **Date of Receipt:** 2019-11-20 **Approved By:** N. Mosely, CEO

Bellevue, WA 98059 **Date of Testing:** 2019-11-22

S. Stevens, LDR

Dosage Calculation

	Net Wt	THC	CBD
Unit:	0.7g	Unk	18mg/unit

These values calculated by the manufacturer.

Chemical Profile (units in mg/g)

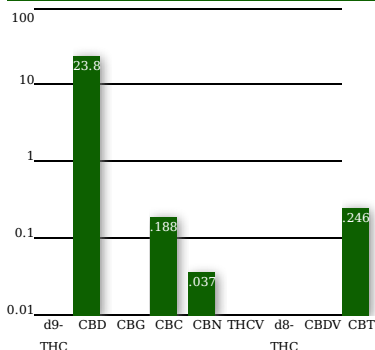
THC max		CBD max		Bisabolo
ND		23.8		0.12
raw sum: ND		raw sum: 23.8		
THCA	ND	d9-THC	ND	Guaiol
CBDA	0.147	CBD	23.7	
CBGA	ND	CBG	ND	
CBC	0.188	CBN	0.037	Eudesmol
THCVA	ND	THCV	ND	0.027
CBDVA	NE	CBDV	ND	
CBT	0.246	d8-THC	ND	Terp total: 0.19
Total Cannabinoids (raw sum): 24.3				

Shelf Stability

Loss-On-Drying NE

Water Activity: 0.3816

Cannabinoid Profile (units in mg/g)



These testing results are certified by scientific examination of a single sample provided by the Producer/Processor. Confidence Analytics and its agents did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch. The sample, as received, was homogenized before subsamples were drawn for specific analyses. This report is supplemental to any other reports with the same analytic sample number.

THC_{max} (a.k.a. Total THC) = $d9-THC + (THC-A * 0.877)$

CBD_{max} (a.k.a. Total CBD) = $CBD + (CBD-A * 0.877)$

Total Cannabinoid is a raw sum of all measured cannabinoids

In Traceability, Total Cannabinoid is a sum of THC_{max} and CBD_{max}

Figures may differ slightly from traceability due to rounding

ND = Not Detected

NE = Not

Examined

Unk = Unknown

Analytical Methods Used

Cannabinoids: HPLC-UV

Microbial: Plate Counting

Terpenes: HS-GC-FID

Solvents: HS-GC-MS

Trace Residue: UHPLC-

MSMS

Water Activity:

HYGROMER®

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Chemical Residue Screen

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Chemical Residue Screen - Test Report



Cannabis samples were homogenized and extracted using a custom protocol. Instrumental analysis was performed with UHPLC-MS/MS (tandem quadrupole). Target compounds were identified by matching to Certified Reference Materials. Ion-selective detection (multiple reaction monitoring, or MRM) was used to ensure that precursor and product ions of the correct masses co-eluted and were observed in ratios matching those for the reference materials.

Dozens of compounds representing many different classes of fungicides, herbicides, and plant growth regulators were screened for. This is a "Condensed Certificate". On Condensed Certificates, the WA state action levels are treated as the Minimum Reporting Limits (MRL). For access to an "Extended Certificate" listing detections below the action levels, contact the Producer.

Findings

Analyte Name	CAS #	Amount In Sample	PASS/FAIL	WA State Action Level	Analyte Name	CAS #	Amount In Sample	PASS/FAIL	WA State Action Level
(sum) Spinosads	NA	Less Than MRL	PASS	0.20 ppm	Diazinon	333-41-5	Less Than MRL	PASS	0.20 ppm
(sum) Permethrins	NA	Less Than MRL	PASS	0.20 ppm	Dichlorvos	62-73-7	Less Than MRL	PASS	0.10 ppm
Carbofuran	1563-66-2	Less Than MRL	PASS	0.20 ppm	Dimethoate	60-51-5	Less Than MRL	PASS	0.20 ppm
Abamectin B1a	71751-41-2	Less Than MRL	PASS	0.50 ppm	Ethoprophos	13194-48-4	Less Than MRL	PASS	0.20 ppm
Acephate	30560-19-1	Less Than MRL	PASS	0.40 ppm	Etofenprox	80844-07-1	Less Than MRL	PASS	0.40 ppm
Acetamiprid	135410-20-7	Less Than MRL	PASS	0.20 ppm	Etoazole	153233-91-1	Less Than MRL	PASS	0.20 ppm
Aldicarb	116-06-3	Less Than MRL	PASS	0.40 ppm	Fenoxycarb	72490-01-8	Less Than MRL	PASS	0.20 ppm
Azoxystrobin	131860-33-8	Less Than MRL	PASS	0.20 ppm	Fenpyroximate	134098-61-6	Less Than MRL	PASS	0.40 ppm
Bifenazate	149877-41-8	Less Than MRL	PASS	0.20 ppm	Fipronil	120068-37-3	Less Than MRL	PASS	0.40 ppm
Bifenthrin	82657-04-3	Less Than MRL	PASS	0.20 ppm	Fonicamid	158062-67-0	Less Than MRL	PASS	1.00 ppm
Boscalid	188425-85-6	Less Than MRL	PASS	0.40 ppm	Fludioxonil	131341-86-1	Less Than MRL	PASS	0.40 ppm
Carbaryl	63-25-2	Less Than MRL	PASS	0.20 ppm	Hexythiazox	78587-05-0	Less Than MRL	PASS	1.00 ppm
Chlorantraniliprole	500008-45-7	Less Than MRL	PASS	0.20 ppm	Imazalil	35554-44-0	Less Than MRL	PASS	0.20 ppm
Chlormequat	7003-89-6	Less Than MRL	PASS	0.10 ppm	Imidacloprid	138261-41-3	Less Than MRL	PASS	0.40 ppm
Chlorpyrifos	2921-88-2	Less Than MRL	PASS	0.20 ppm	Kresoxim-methyl	143390-89-0	Less Than MRL	PASS	0.40 ppm
cis-Permethrin	52645-53-1	Less Than MRL	PASS	0.20 ppm	Malathion	121-75-5	Less Than MRL	PASS	0.20 ppm
Clofentezine	74115-24-5	Less Than MRL	PASS	0.20 ppm	Metalaxyl	57837-19-1	Less Than MRL	PASS	0.20 ppm
Daminozide	1596-84-5	Less Than MRL	PASS	1.00 ppm	Methiocarb	2032-65-7	Less Than MRL	PASS	0.20 ppm

* Greater than lower limit of detection (>LLOD) and less than lower limit of quantification (<LLOQ) . Applies to instances when the analyte has been detected and positively identified, but the concentration is lower than we can accurately quantify. Specifically: signal to noise ratio greater than 3 and signal less than calibration. LLOD is ~0.001 ppm for most analytes, LLOQ is ~0.01 for most analytes. Number shown is lower end of calibration (LLOQ).

** Greater than upper limit of quantification (>ULOQ). Applies to instances when the analyte concentration in the sample is greater than we can accurately measure without additional testing. Number shown is upper end of calibration (ULOQ).

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CBDmax (a.k.a. Total CBD) = CBD + (CBD-A * 0.877)

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Cannabinoids: HPLC-UV

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Analyte Name	CAS #	Amount In Sample	PASS/FAIL	WA State Action Level	Analyte Name	CAS #	Amount In Sample	PASS/FAIL	WA State Action Level
Methomyl	16752-77-5	Less Than MRL	PASS	0.40 ppm	Thiacloprid	111988-49-9	Less Than MRL	PASS	0.20 ppm
Myclobutanil	88671-89-0	Less Than MRL	PASS	0.20 ppm	Thiamethoxam	153719-23-4	Less Than MRL	PASS	0.20 ppm
Naled	300-76-5	Less Than MRL	PASS	0.50 ppm	trans-Permethrin	52645-53-2	Less Than MRL	PASS	0.20 ppm
Oxamyl	23135-22-0	Less Than MRL	PASS	1.00 ppm	Trifloxystrobin	141517-21-7	Less Than MRL	PASS	0.20 ppm
Paclobutrazol	76738-62-0	Less Than MRL	PASS	0.40 ppm	Uniconazole	83657-22-1	Less Than MRL	PASS	0.10 ppm
Phosemet (Imidan)	732-11-6	Less Than MRL	PASS	0.20 ppm					
Piperonyl Butoxide	51-03-6	Less Than MRL	PASS	2.00 ppm					
Prallethrin	23031-36-9	Less Than MRL	PASS	0.20 ppm					
Propiconazole	60207-90-1	Less Than MRL	PASS	0.40 ppm					
Propoxur	114-26-1	Less Than MRL	PASS	0.20 ppm					
Pyrethrin I	8003-34-7	Less Than MRL	PASS	1.00 ppm					
Pyridaben	96489-71-3	Less Than MRL	PASS	0.20 ppm					
Spinosad A	168316-95-8	Less Than MRL	PASS	0.20 ppm					
Spinosad D	168316-95-9	Less Than MRL	PASS	0.20 ppm					
Spiromesifen	283594-90-1	Less Than MRL	PASS	0.20 ppm					
Spirotetramat	203313-25-1	Less Than MRL	PASS	0.20 ppm					
Spiroxamine	118134-30-8	Less Than MRL	PASS	0.40 ppm					
Tebuconazole	80443-41-0	Less Than MRL	PASS	0.40 ppm					

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Microbial: Plate Counting

Terpenes: HS-GC-FID

Solvents: HS-GC-MS

Trace Residue: UHPLC-

MS/MS

Water Activity:

HYGROMER®

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DRAGON ANALYTICAL LABORATORY

627 DURELL ROAD SE, STE B105, TUMWATER, WA 98501
(360)866-0543
Hazardous Waste, Microbiology, NPDES, Potable and Non-potable Water
Mobile Environmental Laboratory



Confidence Analytics
info@conflabs.com

Project Name: n/a
Project No.: n/a
P.O. No.: n/a
Date Received: 11/22/2019

DAL Project No.: 191122-02

Report Date: 12/2/2019
Data Reviewed by:

Preparation Method: DAL 502-3000
Analytical Method: DAL 502-3010
Date Prepared: 11/25/2019
Date Analyzed: 11/26/2019
Analyst: TM

Units: $\mu\text{g}/5$ grams
Matrix: Cannabis
Reporting Limits: Standard
Instrument ID: Agilent 7500
Lab Data File: 19K26o00

TOTAL METALS ANALYTICAL RESULTS

Analyte	CAS No.	MRL	Method Blank	LCS (% recovery)	6111771
Arsenic (As)	7440-38-2	1.25	nd	99.8%	nd
Cadmium (Cd)	7440-43-9	1.25	nd	99.8%	nd
Lead (Pb)	7439-92-1	1.25	nd	102%	nd
Mercury (Hg)	7439-97-6	1.25	nd	98.8%	nd
Dilution Factor			100		500

WSLCB-Laboratory Certification No.: 0013

"nd" indicates the analyte was not detected at or above the listed Method Reporting Limit.

Comments and Explanations: None.

$\mu\text{g}/5$ grams = $\mu\text{g}/\text{kg}$ (ppb) \div 200

Comments and Explanations: None.