



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 # 8091604

Origination: ZoneIn CBD

UBI #:

Inventory #: 4402090721

Strain: Roll Deep

License #:

QA #: 20210918RB001



Type: Topical

Harvest Date: Unknown

Address: 6947 Coal Creek Pkwy SE #199 **Date of Receipt:** 2021-09-18 **Approved By:** N. Mosely, CEO

Bellevue, WA 98059 **Date of Testing:** 2021-09-20

S. Stevens, LDR

Dosage Calculation

	Net Wt	CBG	CBD
Unit:	85g	297mg	918

Calculated using the serving size provided by the manufacturer and listed above.

Shelf Stability

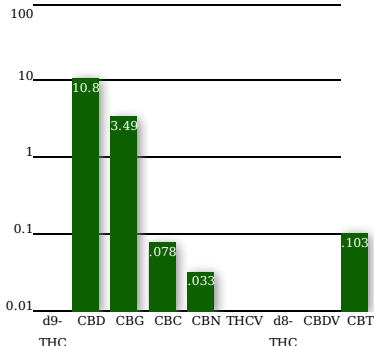
Loss-On-Drying NE

Water Activity: NE

Chemical Profile (units in mg/g)

THC max ND raw sum: ND		CBD max 10.8 raw sum: 10.8		
THCA	ND	d9-THC	ND	
CBDA	ND	CBD	10.8	
CBGA	ND	CBG	3.49	
CBC	0.078	CBN	0.033	
THCVA	ND	THCV	ND	
CBDVA	ND	CBDV	ND	
CBT	0.103	d8-THC	ND	Terp total:
Total Cannabinoids (raw sum): 14.5				

Cannabinoid Profile (units in mg/g)



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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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Official Test Results for Laboratory Sample # 8091604

Origination: ZoneIn CBD

UBI #:

Inventory #: WAJ414286.IN10SA5U

Strain: Roll Deep

License #:

QA #: 20210918RB001



Type: Topical

Harvest Date: Unknown

Address: 6947 Coal Creek Pkwy SE #199 **Date of Receipt:** 2021-09-18 **Approved By:** N. Mosely, CEO

Bellevue, WA 98059 **Date of Testing:** 2021-09-20

S. Stevens, LDR

Quantitative Impurities Report

Concentrations of analytes used to determine pass/fail status of individual tests.

* 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. Literally: 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).

Findings

ALKANES

<u>Analyte</u>	<u>Concentration</u>	<u>Action Level</u>
Hexane	< RL	290 ppm
Cyclohexane	< RL	3880 ppm
Butane	< RL	5000 ppm
Pentane	< RL	5000 ppm
Heptane	< RL	5000 ppm
Propane	< RL	5000 ppm

**Reporting Limit (RL) = 10 ppm*

ALLOWED INGREDIENTS

<u>Analyte</u>	<u>Concentration</u>
Ethanol	< RL

**Reporting Limit (RL) = 500 ppm*

MYCOTOXINS

<u>Analyte</u>	<u>Concentration</u>	<u>Action Level*</u>
Aflatoxin B1	< LLOQ	20 ppb
Aflatoxin B2	< LLOQ	20 ppb
Aflatoxin G1	< LLOQ	20 ppb
Aflatoxin G2	< LLOQ	20 ppb
Ochratoxin A	< LLOQ	20 ppb

**Action Level is Sum of Aflatoxins*

IMPURITIES

<u>Analytes</u>	<u>Concentration</u>	<u>Action Level</u>
Acetone	< RL	5000 ppm
Benzene	< RL	2 ppm
Chloroform	< RL	2 ppm
Dichloromethane	< RL	600 ppm
Ethyl Acetate	< RL	5000 ppm
Xylene	< RL	2170 ppm
Isopropanol	< RL	5000 ppm
Methanol	< RL	3000 ppm
Toluene	< RL	890 ppm

**Reporting Limit (RL) = Half Action Level*

MICROBIOLOGICALS

<u>Organism</u>	<u>CFU/g</u>	<u>Action Level</u>
BTGN Bacteria	0	10000
Yeast and Mold	NE	N/A
E. coli	0	1
Salmonella	0	1

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THCmax (a.k.a. Total THC) = d9-THC + (THC-A * 0.877)

CBDmax (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 THCmax and CBDmax

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Analytical Methods Used

Cannabinoids: HPLC-UV

Microbial: Plate Counting

Terpenes: HS-GC-FID

Solvents: HS-GC-MS

Trace Residue: UHPLC-

MSMS

Water Activity:

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Chemical Residue Screen

Official Test Results for Laboratory Sample # 8091604

Origination: ZoneIn CBD

UBI #:

Inventory #: WAJ414286.IN10SA5U

Strain: Roll Deep

License #:

QA #: 20210918RB001



Type: Topical

Harvest Date: Unknown

Address: 6947 Coal Creek Pkwy SE #199 **Date of Receipt:** 2021-09-18 **Approved By:** N. Mosely, CEO

Bellevue, WA 98059 **Date of Testing:** 2021-09-20

S. Stevens, LDR

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 document lists all analytes detected in the Chemical Residue Screen.

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	NOT DETECTED	PASS	0.20 ppm	Dichlorvos	62-73-7	NOT DETECTED	PASS	0.10 ppm
(sum) Permethrins	NA	NOT DETECTED	PASS	0.20 ppm	Dimethoate	60-51-5	NOT DETECTED	PASS	0.20 ppm
Abamectin B1a	71751-41-2	NOT DETECTED	PASS	0.50 ppm	Ethoprophos	13194-48-4	NOT DETECTED	PASS	0.20 ppm
Acephate	30560-19-1	NOT DETECTED	PASS	0.40 ppm	Etofenprox	80844-07-1	NOT DETECTED	PASS	0.40 ppm
Acetamiprid	135410-20-7	NOT DETECTED	PASS	0.20 ppm	Etoxazole	153233-91-1	NOT DETECTED	PASS	0.20 ppm
Aldicarb	116-06-3	NOT DETECTED	PASS	0.40 ppm	Fenoxycarb	72490-01-8	NOT DETECTED	PASS	0.20 ppm
Azoxystrobin	131860-33-8	NOT DETECTED	PASS	0.20 ppm	Fenpyroximate	134098-61-6	NOT DETECTED	PASS	0.40 ppm
Bifenazate	149877-41-8	NOT DETECTED	PASS	0.20 ppm	Fonicamid	158062-67-0	NOT DETECTED	PASS	1.00 ppm
Bifenthrin	82657-04-3	NOT DETECTED	PASS	0.20 ppm	Hexythiazox	78587-05-0	NOT DETECTED	PASS	1.00 ppm
Boscalid	188425-85-6	NOT DETECTED	PASS	0.40 ppm	Imazalil	35554-44-0	NOT DETECTED	PASS	0.20 ppm
Carbaryl	63-25-2	NOT DETECTED	PASS	0.20 ppm	Imidacloprid	138261-41-3	NOT DETECTED	PASS	0.40 ppm
Carbofuran	1563-66-2	NOT DETECTED	PASS	0.20 ppm	Kresoxim-methyl	143390-89-0	NOT DETECTED	PASS	0.40 ppm
Chlorantraniliprole	500008-45-7	NOT DETECTED	PASS	0.20 ppm	Malathion	121-75-5	NOT DETECTED	PASS	0.20 ppm
Chlorpyrifos	2921-88-2	NOT DETECTED	PASS	0.20 ppm	Metaxyl	57837-19-1	NOT DETECTED	PASS	0.20 ppm
cis-Permethrin	52645-53-1	NOT DETECTED	PASS	0.20 ppm	Methiocarb	2032-65-7	NOT DETECTED	PASS	0.20 ppm
Clofentezine	74115-24-5	NOT DETECTED	PASS	0.20 ppm	Methomyl	16752-77-5	NOT DETECTED	PASS	0.40 ppm
Daminozide	1596-84-5	NOT DETECTED	PASS	1.00 ppm	Myclobutanil	88671-89-0	NOT DETECTED	PASS	0.20 ppm
Diazinon	333-41-5	NOT DETECTED	PASS	0.20 ppm	Naled	300-76-5	NOT DETECTED	PASS	0.50 ppm

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

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Analytical Methods Used

Cannabinoids: HPLC-UV

Microbial: Plate Counting

Terpenes: HS-GC-FID

Solvents: HS-GC-MS

Trace Residue: UHPLC-

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Water Activity:

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Findings

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Oxamyl	23135-22-0	NOT DETECTED	PASS	1.00 ppm	Trifloxystrobin	141517-21-7	NOT DETECTED	PASS	0.20 ppm
Paclobutrazol	76738-62-0	NOT DETECTED	PASS	0.40 ppm	Uniconazole	83657-22-1	NOT DETECTED	PASS	0.10 ppm
Phosemet (Imidan)	732-11-6	NOT DETECTED	PASS	0.20 ppm					
Piperonyl Butoxide	51-03-6	NOT DETECTED	PASS	2.00 ppm					
Prallethrin	23031-36-9	NOT DETECTED	PASS	0.20 ppm					
Propiconazole	60207-90-1	NOT DETECTED	PASS	0.40 ppm					
Propoxur	114-26-1	NOT DETECTED	PASS	0.20 ppm					
Pyrethrin I	8003-34-7	NOT DETECTED	PASS	1.00 ppm					
Pyridaben	96489-71-3	NOT DETECTED	PASS	0.20 ppm					
Spinosad A	168316-95-8	NOT DETECTED	PASS	0.20 ppm					
Spinosad D	168316-95-9	NOT DETECTED	PASS	0.20 ppm					
Spiromesifen	283594-90-1	NOT DETECTED	PASS	0.20 ppm					
Spirotetramat	203313-25-1	NOT DETECTED	PASS	0.20 ppm					
Spiroxamine	118134-30-8	NOT DETECTED	PASS	0.40 ppm					
Tebuconazole	80443-41-0	NOT DETECTED	PASS	0.40 ppm					
Thiacloprid	111988-49-9	NOT DETECTED	PASS	0.20 ppm					
Thiamethoxam	153719-23-4	NOT DETECTED	PASS	0.20 ppm					
trans-Permethrin	52645-53-2	NOT DETECTED	PASS	0.20 ppm					

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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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Medicine Creek Analytics Certificate of Analysis

3700 Pacific HWY E, Ste 400, Fife, WA 98424
WA State I502 Certification 0018 | ISO 17025 91428 | Accreditation #91428



Sample: **8091604-IN10SA5U**

#COC/INVOICE: **5172**

Laboratory ID 210919-004	Matrix Topical	Batch ID	Inventory ID
Tested for Confidence Analytics	Address 14797 NE 95th St Redmond, WA 98052		License 3
Received 09/20/2021			Reported 09/23/2021
Analyses executed MET			

MET - Heavy Metals Detection Analysis

Analyzed **Sep 23, 2021** | Instrument **ICP-MS**

Analyte	LOD ug/5g	LOQ ug/5g	Result ug/5g	WRL ug/5g	Analyte	LOD ug/5g	LOQ ug/5g	Result ug/5g	WRL ug/5g
Arsenic (As)	0.21	0.69	ND	10	Cadmium (Cd)	0.08	0.26	ND	4.1
Lead (Pb)	0.21	0.71	ND	6	Mercury (Hg)	0.08	0.27	ND	2



NR Not Reported
ND Not Detected
<LOD Below Lod
NT Not Tested
LOD Limit of Detection
LOQ Limit of Quantification
DET Detected below quantitation limit
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count
mg/g Milligrams per gram
ppm Parts per million
WRL Washington Regulatory Limit



Accreditation #91428



Authorized Signature

Kyle Shelton

Kyle Shelton
Lab Manager
09/23/2021



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