

#### **PRODUCT ATTRIBUTES**

☐ Full Spectrum/Distillate Blend

Product Name:
Lot Number:
Date Produced:
Best By:
Extraction Process:
CBD Form:
☐ Full Spectrum ☐ Distillate

#### **TESTING RESULTS**

Pesticide Fre
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'Total CBD (mg) per Bottle:	
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*Total CBD (mg) per Serving:	
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\*Results may vary when tested at different third party laboratories. Acceptable variance up to 6%.



<sup>\*</sup>Total % THC in Product: \_\_\_\_\_

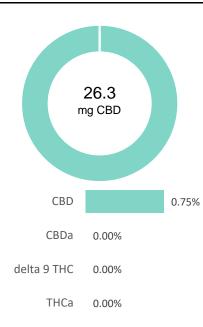


# CERTIFICATE OF ANALYSIS

#### Zebra CBD Gummies

Batch ID:	BRLG-005	Test ID:	T000126623
Type:	Unit	Submitted:	02/26/2021 @ 10:27 AM
Test:	Potency	Started:	3/1/2021
Method:	TM14	Reported:	3/2/2021

## **CANNABINOID PROFILE**



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	1.87	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	2.11	ND	ND
Cannabidiolic acid (CBDA)	1.65	ND	ND
Cannabidiol (CBD)	1.60	26.30	7.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	2.32	ND	ND
Cannabinolic Acid (CBNA)	1.33	ND	ND
Cannabinol (CBN)	0.61	ND	ND
Cannabigerolic acid (CBGA)	1.95	ND	ND
Cannabigerol (CBG)	0.47	0.72	0.2
Tetrahydrocannabivarinic Acid (THCVA)	1.65	ND	ND
Tetrahydrocannabivarin (THCV)	0.42	ND	ND
Cannabidivarinic Acid (CBDVA)	0.69	ND	ND
Cannabidivarin (CBDV)	0.38	ND	ND
Cannabichromenic Acid (CBCA)	0.75	ND	ND
Cannabichromene (CBC)	0.82	ND	ND
Total Cannabinoids		27.02	7.7
Total Potential THC**		ND	ND
Total Potential CBD**		26.30	7.5

#### NOTES:

# of Servings = 1, Sample Weight=3.53g

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
\* Total Cannabinoids result reflects the absolute sum of all

Total THC = THC + (THCa \*(0.877)) and Total CBD = CBD + (CBDa \*(0.877))

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

#### FINAL APPROVAL

Danuel Westersaul

Daniel Weidensaul 2-Mar-2021 3:50 PM

Den Muto

Ben Minton 2-Mar-2021 6:14 PM

PREPARED BY / DATE

APPROVED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



<sup>\*</sup> Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

<sup>\*\*</sup> Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.



# **Cannabinoid Potency and Contaminant Analysis Report**

Sample Name: Matrix

Zebra CBD Crude Oil Matrix

Sample Type: Concentrates & Extracts, Full Extract Cannabis Oil, Other

Sample ID: 2102AU0057.01558

Batch ID: 102041

METRC Tag: 1A4000B00012FE9000001263

		Cannabin	oid Profile		Total C
Analyte	LOQ	Amount	Amount		Analyte
THCa	0.43	% ND	mg/g ND		THC
∆9-THC ∆8-THC	0.43 0.20	3.29 ND	32.9 ND		
CBDa CBD	0.43 0.43	ND 69.73	ND 697.3		CBD
CBDVa CBDV	0.20 0.20	ND 0.59	ND 5.9		CBG
BN BGa	0.20	0.22 ND	2.2 ND		CBC
CBG	0.20	1.95	19.5		CBDV
CBCa CBC	0.20 0.20	ND 1.50	ND 15.0	*Total i	s the sum of the n
CBL	0.20	ND	ND		pletely conv

#### Sample Photo

## **Residual Solvent Analysis**



Analyte	LOQ	Limit	Amount	Status	Analyte	LOQ	Limit	Amount	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Acetone	158.7	1000.0	<loq< th=""><th>Pass</th><th>Isopropanol</th><th>159.1</th><th>1000.0</th><th>ND</th><th>Pass</th></loq<>	Pass	Isopropanol	159.1	1000.0	ND	Pass
Benzene	1.0	2.0	ND	Pass	Methanol	255.1	600.0	ND	Pass
Butanes	20.2	1000.0	ND	Pass	n-Pentane	19.0	1000.0	ND	Pass
Ethanol	159.7	1000.0	221.2	Pass	Propane	20.2	1000.0	ND	Pass
Ethyl-	1010	10000	10/ 1	D	Toluene	8.7	180.0	ND	Pass
Acetate	101.2	1000.0	106.4	Pass	Xylenes	13.0	430.0	ND	Pass
Heptanes	20.7	1000.0	<loq< th=""><th>Pass</th><th></th><th></th><th></th><th></th><th>,</th></loq<>	Pass					,
Hexanes	10.0	60.0	ND	Pass					

Final A	pproval		Microbial Contami	nants	
	11	Analyte	Limit	Amount	Status
1 / 1/1	4/(=		CFU/g	CFU/g	
We VV		STEC	1	<1	Pass
	V	<ul> <li>Salmonella</li> </ul>	1	<1	Pass
Results Approved By:	Results Analyzed By:	Yeast & Mold	10000	<100	Pass
Lucas Mason, M.S.	Joshua Reilly				

Lucas Mason, M.S. Lab Director

Received: 02/08/2021

Tested: 02/09/2021

**Analyst** 

Reported: 02/12/2021

Definitions: LOQ= Limit of Quantitation, ND = Not Detected, CFU/g = Colony Forming Units per Gram

This product has been tested by Aurum Labs using validated testing methodologies (unless specified in this report) and a Quality System as required by state law. Values reported related only to the product tested. Uncertainty information available upon request. Aurum 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, with the written approval of Aurum Labs.



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Sample: 2102AU0057.01558





#### **Contaminant Analysis Report**

Sample Name: Matrix

Sample Type: Concentrates & Extracts, Full Extract Cannabis Oil, Other

Sample ID: 2102AU0057.01558

Batch ID: 102041

METRC Tag: 1A4000B00012FE9000001263

#### Zebra CBD Crude Oil Matrix

### **Pesticide Analysis Results**

Analyte	LOQ	Limit	Amount	Status
	PPB	PPB	PPB	
Abamectin	40.0	40.0	NR	NT
Azoxystrobin	10.0	10.0	NR	NT
Bifenazate	20.0	20.0	NR	NT
Etoxazole	10.0	10.0	NR	NT
Imazalil	40.0	40.0	NR	NT
Imidacloprid	10.0	10.0	NR	NT
Malathion	40.0	40.0	NR	NT
Myclobutanil	20.0	20.0	NR	NT
Permethrin	10.0	10.0	NR	NT
Spinosad	40.0	40.0	NR	NT
Spiromesifen	30.0	30.0	NR	NT
Spirotetramat	10.0	10.0	NR	NT
Tebuconazole	10.0	10.0	NR	NT



#### **Notes and Interpretations**

Results Pending.

**Final Approval** 

**Test Status** 

Results Approved By: Lucas Mason, M.S. Lab Director Results Analyzed By: Trey Murschell, PhD Senior Chemist Pesticide Analysis Results

Complete

Received: 02/08/2021

Tested: 02/09/2021

Reported: 02/12/2021

Definitions: LOQ = Limit of Quantitation, ND = Not Detected, NT = Not Tested, PPM = Parts per Million

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Sample: 2102AU0057.01558





## **Contaminant Analysis Report**

Sample Name: Matrix

Sample Type: Concentrates & Extracts, Full Extract Cannabis Oil, Other

Sample ID: 2102AU0057.01558

Batch ID: 102041

METRC Tag: 1A4000B00012FE9000001263

### Zebra CBD Crude Oil Matrix

#### **Microbial Test Results**

Analyte	Limit	Amount	Status
	CFU/g	CFU/g	
STEC	1	<1	Pass
Salmonella	1	<1	Pass
Yeast & Mold	10000	<100	Pass

Bacterial Test Results	Pass
Yeast & Mold Test Results	Pass
% Yeast	NR
% Mold	NR



#### **Notes and Interpretations**

Analyzed via AAM-003 & AAM-007. Sample was analyzed as received. Deviations from SOP: None

Final Approval

**Test Status** 

Results Approved By: Lucas Mason, M.S.

Received: 02/08/2021

Results Analyzed By:

Hector Caldera

Microbial Test Results

**Pass** 

Lab Director Associate Microbiologist

Tested: 02/09/2021

Reported: 02/12/2021

Definitions: LOQ = Limit of Quantitation, ND = Not Detected, NT = Not Tested, CFU/g = Colony Forming Units per Gram

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Sample: 2102AU0057.01558 www.a



## **Contaminant Analysis Report**

Sample Name: Matrix

Sample Type: Concentrates & Extracts, Full Extract Cannabis Oil, Other

Sample ID: 2102AU0057.01558

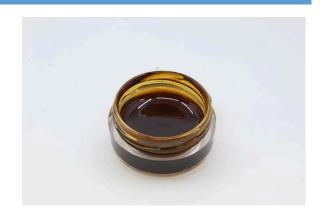
Batch ID: 102041

METRC Tag: 1A4000B00012FE9000001263

#### Zebra CBD Crude Oil Matrix

### **Residual Solvent Analysis Results**

Analyte	LOQ	Limit	Amount 5	Status	Analyte	LOQ	Limit	Amount	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Acetone	158.7	1000.0	<loq< th=""><th>Pass</th><th>Isopropanol</th><th>159.1</th><th>1000.0</th><th>ND</th><th>Pass</th></loq<>	Pass	Isopropanol	159.1	1000.0	ND	Pass
Benzene	1.0	2.0	ND	Pass	Methanol	255.1	600.0	ND	Pass
Butanes	20.2	1000.0	ND	Pass	n-Pentane	19.0	1000.0	ND	Pass
Ethanol	159.7	1000.0	221.2	Pass	Propane	20.2	1000.0	ND	Pass
Ethyl-Acetate	101.2	1000.0	106.4	Pass	Toluene	8.7	180.0	ND	Pass
Heptanes	20.7	1000.0	<loq< th=""><th>Pass</th><th>Xylenes</th><th>13.0</th><th>430.0</th><th>ND</th><th>Pass</th></loq<>	Pass	Xylenes	13.0	430.0	ND	Pass
Hexanes	10.0	60.0	ND	Pass					



### **Notes and Interpretations**

Analyzed via AAM-002 using Agilent 7697/7890 Headspace GC FID. Sample was analyzed as received. Deviations from SOP: None.

**Final Approval** 

**Test Status** 

Results Approved By: Lucas Mason, M.S. Lab Director Results Analyzed By: Trey Murschell, PhD Senior Chemist Residual Solvent Analysis Results

**Pass** 

Received: 02/08/2021

Tested: 02/09/2021

Reported: 02/12/2021

 $Definitions: LOQ = Limit \ of \ Quantitation, \ ND = Not \ Detected, \ NT = Not \ Tested, \ CFU/g = Colony \ Forming \ Units \ per \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = Colony \ Forming \ Units \ Part \ Gram = CFU/g = C$ 

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Sample: 2102AU0057.01558





Zebra CBD Crude Oil Matrix

## **Heavy Metals Analysis Report**

Sample Name: Matrix

Sample Type: Concentrates & Extracts, Full Extract Cannabis Oil, Other

Sample ID: 2102AU0057.01558

Batch ID: 102041

METRC Tag: 1A4000B00012FE9000001263

		Heavy Metals	Profile	
Analyte	LOQ	Limit	Amount	
	PPM	PPM	PPM	
Arsenic	0.030	0.200	ND	Pass
Cadmium	0.030	0.200	0.039	Pass
Lead	0.030	0.500	0.075	Pass
Mercury	0.030	0.100	ND	Pass

#### **Notes and Interpretations**

Analyzed via AAM-010 using Agilent 7800 ICP-MS. Deviations from SOP: None. Limits based on State of Colorado requirements for inhaled or audited products: (Arsenic < 0.2 ppm, Cadmium < 0.2 ppm, Lead < 0.5 ppm, Mercury < 0.1 ppm)

**Final Approval** 

Results Approved By: Lucas Mason, M.S.

Lab Director

Results Analyzed By: Trey Murschell, PhD

Senior Chemist

Received: 02/08/2021

Tested: 02/09/2021

Reported: 02/12/2021

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Sample: 2102AU0057.01558 www