



PRODUCT ATTRIBUTES

Product Name: _____

Lot Number: _____

Date Produced: _____

Best By: _____

Extraction Process: _____

CBD Form:

☐ Full Spectrum ☐ Distillate

☐ Full Spectrum/Distillate Blend

TESTING RESULTS

☒ Pesticide Free

☒ Microbials Free

☒ Heavy Metals Free

*Total CBD (mg) per Bottle: _____

*Total CBD (mg) per Serving: _____

*Total % THC in Product: _____



Lab results obtained from: Botanacor & Arum Labs

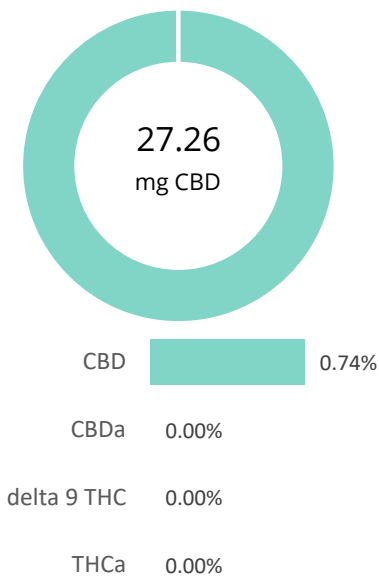
*Results may vary when tested at different third party laboratories. Acceptable variance up to 6%.



Zebra CBD Mood & Calm Gummies

Batch ID:	BRLGMC-001	Test ID:	T000159545
Type:	Unit	Submitted:	08/24/2021 @ 11:14 AM
Test:	Potency	Started:	8/25/2021
Method:	TM14 (HPLC-DAD)	Reported:	8/26/2021

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	1.78	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	2.01	ND	ND
Cannabidiolic acid (CBDA)	2.90	ND	ND
Cannabidiol (CBD)	2.83	27.26	7.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	2.21	ND	ND
Cannabinolic Acid (CBNA)	1.26	ND	ND
Cannabinol (CBN)	0.58	ND	ND
Cannabigerolic acid (CBGA)	1.85	ND	ND
Cannabigerol (CBG)	0.44	0.72	0.2
Tetrahydrocannabivarinic Acid (THCVA)	1.57	ND	ND
Tetrahydrocannabivarin (THCV)	0.40	ND	ND
Cannabidivarinic Acid (CBDVA)	1.21	ND	ND
Cannabidivarin (CBDV)	0.67	ND	ND
Cannabichromenic Acid (CBCA)	0.71	ND	ND
Cannabichromene (CBC)	0.78	ND	ND
Total Cannabinoids		27.98	7.6
Total Potential THC**		ND	ND
Total Potential CBD**		27.26	7.4

NOTES:

of Servings = 1, Sample Weight=3.7g

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.



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

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

 Daniel Weidensaul 26-Aug-2021 9:57 AM	 Sam Smith 26-Aug-2021 10:00 AM
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



Certificate #4329.02

Zebra CBD Mood & Calm Gummies

Batch ID:	BRLGMC-001	Test ID:	T000166301
Matrix:	Finished Product	Received:	09/28/2021 @ 09:15 AM
Test:	Microbial Contaminants	Started:	9/28/2021
Method:	TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Reported:	10/1/2021

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26 Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected
Total Yeast and Molds*	TM-24 Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected
<i>E. coli</i>	TM-28 Culture Plating	1 CFU/g	NA	NA	Absent
<i>E. coli</i> (STEC)	TM-25 PCR	1 CFU/g	NA	NA	Absent
<i>Salmonella</i>	TM-25 PCR	1 CFU/g	NA	NA	Absent

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: 10² = 100 CFU
10³ = 1,000 CFU
10⁴ = 10,000 CFU
10⁵ = 100,000 CFU

NOTES:

Free from visual mold, mildew, and foreign matter

DEFINITIONS:


CFU/g = Colony Forming Units per Gram.


LOD = Limit of Detection

ULOQ = Upper Limit of Quantitation

LLOQ = Lower Limit of Quantitation

FINAL APPROVAL


 Jackson Osaghae-Nosa
 10/1/2021
 9:00:00 AM


 Courtney Richards
 10/1/2021
 4:57:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03



NO IMAGE
AVAILABLE

Zebra CBD Mood & Calm Gummies

Name:

Type:

ID:

Batch ID:

METRC Tag:

Matrix FSO

Concentrates & Extracts

210601546.17168

106091

1A4000B00012FE9000001772

RECEIVED: 06/18/2021

TESTED: 06/22/2021

REPORTED: 06/25/2021

ANALYTE	LOD	LOQ	MU	AMOUNT	AMOUNT	% CANNABINOIDS
	%	%	%	mg/g	%	
THCa	0.21	0.420	0.000	<LOD	<LOD	
D9-THC	0.21	0.420	0.312	31.21	3.121	
D8-THC	0.21	0.420	0.000	<LOD	<LOD	
CBDa	0.21	0.420	0.000	<LOD	<LOD	
CBD	0.21	0.420	7.333	733.29	73.329	
CBDVa	0.098	0.196	0.000	<LOD	<LOD	
CBDV	0.098	0.196	0.044	4.39	0.439	
CBN	0.098	0.196	0.043	4.33	0.433	
CBGa	0.098	0.196	0.000	<LOD	<LOD	
CBG	0.098	0.196	0.195	19.53	1.953	
CBCa	0.098	0.196	0.000	<LOD	<LOD	
CBC	0.098	0.196	0.164	16.44	1.644	
CBL	0.098	0.196	0.000	<LOD	<LOD	
Sum of Measured Cannabinoids*				809.190	80.919	

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported



ANALYTE	TOTAL*
THC	3.12%
CBD	73.33%
CBG	1.95%
CBDV	<LOD

*Total is the sum of the neutral (active) cannabinoid and the completely converted acidic cannabinoid

NOTES AND INTERPRETATIONS

Analyzed via AAM-001 using Agilent 1220 HPLC-DAD. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: None.

Tyler Dorsey

Results Analyzed By:
Tyler Dorsey
Associate Chemist

Joshua Reilly

Results Approved By:
Joshua Reilly
Quality Manager



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 modified – Scan QR code to verify authenticity





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Zebra CBD Mood & Calm Gummies

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Type:

ID:

Batch ID:

METRC Tag:

Matrix FSO

Concentrates & Extracts

210601546.17168

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1A4000B00012FE9000001772

RECEIVED: 06/18/2021

TESTED: 06/22/2021

REPORTED: 06/25/2021

ANALYTE	LOQ	LIMIT	AMOUNT	STATUS
	CFU/g	CFU/g	CFU/g	
STEC	1	1	ND	Pass
Salmonella	1	1	ND	Pass
Yeast & Mold	100	10,000	ND	Pass

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, CFU/g = Colony Forming Units per Gram, NR = Not Reported



NOTES AND INTERPRETATIONS

Analyzed via AAM-003 & AAM-007. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: None.

Results Analyzed By:
Colleen Rafferty
Associate Microbiologist

Results Approved By:
Hector Caldera
Microbiologist



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TESTED: 06/22/2021

REPORTED: 06/25/2021

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPB	PPB	PPB	PPB	
Abamectin	20	40	70	<LOD	Pass
Azoxystrobin	5	10	20	<LOD	Pass
Bifenazate	10	20	20	<LOD	Pass
Etoazole	5	10	10	<LOD	Pass
Imazalil	20	40	40	<LOD	Pass
Imidacloprid	5	10	20	<LOD	Pass
Malathion	20	40	50	<LOD	Pass
Myclobutanil	10	20	40	<LOD	Pass
Permethrin	5	10	40	<LOD	Pass
Spinosad	20	40	60	<LOD	Pass
Spiromesifen	15	30	30	<LOD	Pass
Spirotetramat	5	10	30	<LOD	Pass
Tebuconazole	5	10	20	<LOQ	Pass



NOTES AND INTERPRETATIONS

Analyzed via AAM-008 using Agilent 1290 HPLC and Agilent Ultivo MS. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: None.

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported

Results Analyzed By:
Trey Murschell, PhD
Senior Chemist

Results Approved By:
Joshua Reilly
Quality Manager



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NO IMAGE
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Zebra CBD Mood & Calm Gummies

Name:

Type:

ID:

Batch ID:

METRC Tag:

Matrix FSO

Concentrates & Extracts

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106091

1A4000B00012FE9000001772

RECEIVED: 06/18/2021

TESTED: 06/22/2021

REPORTED: 06/25/2021

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Arsenic	0.015	0.03	0.2	<LOD	Pass
Cadmium	0.015	0.03	0.2	<LOQ	Pass
Lead	0.015	0.03	0.5	0.071	Pass
Mercury	0.015	0.03	0.1	<LOD	Pass

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported



NOTES AND INTERPRETATIONS

Analyzed via AAM-010 using Agilent 7800 ICP-MS. Limits are based on CO 1 CCR 212-3. Sample was analyzed as recieved. Deviations from SOP: None.

Results Analyzed By:
Trey Murschell, PhD
Senior Chemist

Results Approved By:
Joshua Reilly
Quality Manager



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NO IMAGE
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Zebra CBD Mood & Calm Gummies

Name:

Type:

ID:

Batch ID:

METRC Tag:

Matrix FSO

Concentrates & Extracts

210601546.17168

106091

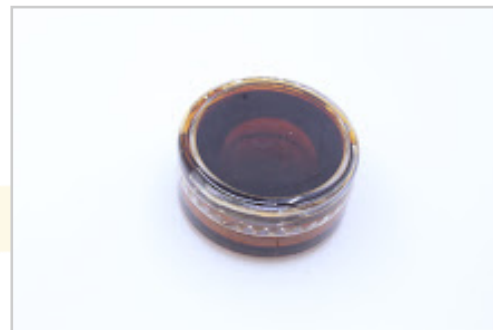
1A4000B00012FE9000001772

RECEIVED: 06/18/2021

TESTED: 06/22/2021

REPORTED: 06/25/2021

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Acetone	79.192	158.384	1000	<LOD	Pass
Benzene	0.487	0.974	2	<LOD	Pass
Butanes	10.101	20.202	1000	<LOD	Pass
Ethanol	79.697	159.394	1000	193	Pass
Ethyl-Acetate	50.505	101.010	1000	<LOD	Pass
Heptanes	10.3535	20.707	1000	<LOQ	Pass
Hexanes	4.9695	9.939	60	<LOD	Pass
Isopropanol	79.394	158.788	1000	<LOD	Pass
Methanol	200	400.000	600	<LOD	Pass
N-Pentane	9.495	18.990	1000	<LOD	Pass
Propane	10.101	20.202	1000	<LOD	Pass
Toluene	4.3635	8.727	180	<LOD	Pass
Xylenes	6.505	13.010	430	<LOD	Pass



NOTES AND INTERPRETATIONS

Analyzed via AAM-002 using Agilent 7697/7890 Headspace GC FID. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: None.

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported

Results Analyzed By:
Joshua Reilly
Quality Manager

Results Approved By:
Trey Murschell, PhD
Senior Chemist



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