

## Green Buffalo

511 Bell Mountain Road  
Zirconia, NC 28790  
waynem006@gmail.com  
(828) 290-2913  
Lic. #

Sample: 2009CWB0205.0415

Strain: CBD Distillate  
Batch#: 2061; Batch Size: g  
Sample Received: 09/17/2020; Report Created: 09/30/2020


Sampling: ; Environment:

## Orange Bliss 500 mg

Ingestible, Tincture, Alcohol  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

Notes:



	0.052%	13.09 mg/mL	NT
	Δ9 THC	Total CBD	
	0.45 mg/mL	13.94 mg/mL	Moisture
	Total THC	Total Cannabinoids	

## Cannabinoids

Complete


Analyte	LOQ	Mass	Mass
	mg/mL	mg/mL	mg/g
THCa	0.09	ND	ND
Δ9-THC	0.09	0.45	0.52
Δ8-THC	0.09	ND	ND
THCV	0.09	ND	ND
CBDa	0.26	<LOQ	<LOQ
CBD	0.26	13.09	15.08
CBDVa	0.09	ND	ND
CBDV	0.09	0.23	0.26
CBN	0.09	ND	ND
CBGa	0.09	ND	ND
CBG	0.09	0.17	0.20
CBC	0.09	<LOQ	<LOQ
<b>Total</b>		<b>13.94</b>	<b>16.05</b>

1 mL = 0.8684g.

Total THC = THCa \* 0.877 + d9-THC; Total CBD = CBDa \* 0.877 + CBD; Total Cannabinoids = Sum of quantifiable cannabinoids  
LOQ = Limit of Quantitation; ND = Not Detected; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

1327 Miller Rd Suite G  
Greenville, SC  
(864) 568-8940  
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Lindsey Contella  
Certifying Scientist

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This product has been tested by Clearwater Biotech using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Clearwater Biotech 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 Clearwater Biotech.

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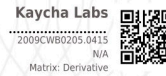
Strain: CBD Distillate  
Batch#: 2061; Batch Size: g  
Sample Received: 09/17/2020; Report Created: 09/30/2020

Sampling: ; Environment:

**Orange Bliss 500 mg**

Ingestible, Tincture, Alcohol  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

Notes:



## Certificate of Analysis

Sample: GA00922009-005  
Harvest/Lot ID: 1  
Seed to Sale #N/A  
Batch Date :N/A  
Batch#: 1  
Sample Size Received: 1 gram  
Retail Product Size: 1  
Ordered : 09/18/20  
Sampled : 09/18/20  
Completed: 09/30/20 Expires: 09/30/21  
Sampling Method: SOP Client Method

**PASSED**

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Sep 30, 2020 | Clearwater Biotech, LLC

1327 Miller Road  
Greenville, South Carolina, 29607, United States



PRODUCT IMAGE SAFETY RESULTS



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Jeremy Campbell  
Lab Director

State License # CMTL-0001  
ISO Accreditation # 97164

Signature

09/30/2020  
Signed On

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Greenville, SC  
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Batch#: 2061; Batch Size: g  
Sample Received: 09/17/2020; Report Created: 09/30/2020  
Sampling: ; Environment:

**Orange Bliss 500 mg**  
Ingestible, Tincture, Alcohol  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

Notes:



**Kaycha Labs**  
2009CWB0205.0415  
N/A  
Matrix : Derivative

## Certificate of Analysis

**PASSED**

Clearwater Biotech, LLC  
1327 Miller Road  
Greenville, South Carolina, 29607, United States  
Telephone: (973) 356-5419  
Email: hflanagan@clearwaterbiotech.com

Sample : GA0922009-005  
Harvest/LOT ID: 1  
Batch# : 1  
Sample Size Received : 1 g/mg  
Completed : 09/30/20 Expires: 09/30/21  
Ordered : 09/18/20  
Sample Method : SOP Client Method

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Pesticides				PASSED					
Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PROFENAZOLE	0.01	ppm	1	ND
ACEPHATE	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PYRETHRINS	0.05	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	SPINETORAM	0.02	PPM	3	ND
ADOXYSTROBIN	0.01	ppm	3	ND	SPINOMESFEN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPIROTRAMAT	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
BOSCALID	0.01	PPM	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CABARBYL	0.05	ppm	0.5	ND	THIAFLORIPID	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	1	ND
CHLORANTRANILPROLE	0.1	ppm	3	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTHINE	0.02	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
DAMINOZIDE	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
DAZANON	0.01	ppm	0.2	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DICHLOROVOS	0.01	ppm	0.1	ND	CAPTAN	0.02	PPM	3	ND
DIMETHOATE	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
DIMETHOMORPH	0.02	ppm	3	ND	CYFLUTHRIN *	0.01	PPM	1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	1	ND
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXICARB	0.01	ppm	0.1	ND					
FENPROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUIDOXYNIL	0.01	ppm	3	ND					
HEXTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.02	ppm	2	ND					
METALAXYL	0.01	ppm	3	<0.050					
METHIOXARB	0.01	ppm	0.1	ND					
METHOXYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.025	ppm	0.5	ND					
OSAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.2	ND					
PIPERONYL BUTOXIDE	0.1	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.4	ND					

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Jeremy Campbell  
Lab Director  
09/30/2020  
Signature \_\_\_\_\_ Signed On \_\_\_\_\_  
State License # CMTL-0001  
ISO Accreditation # 97164

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Sampling: ; Environment:

**Orange Bliss 500 mg**  
Ingestible, Tincture, Alcohol  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

Notes:



## Certificate of Analysis

**PASSED**

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1327 Miller Road  
Greenville, South Carolina, 29607, United States  
Telephone: (973) 356-5419  
Email: hflanagan@clearwaterbiotech.com

Sample : GA00922009-005  
Harvest/LOT ID: 1  
Batch# : 1  
Sampled : 09/18/20  
Ordered : 09/18/20  
Sample Size Received : 1 gram  
Completed : 09/30/20 Expires: 09/30/21  
Sample Method : SOP Client Method

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<b>Microbials</b> <b>PASSED</b>	<b>Mycotoxins</b> <b>PASSED</b>
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Analyte	LOD	Result	Analyte	LOD	Units	Result	Action Level (PPM)
ASPERGILLUS FLAVUS		not present in 1 gram	AFLATOXIN G2	0.002	ppm	ND	0.02
ASPERGILLUS FUMIGATUS		not present in 1 gram	AFLATOXIN G1	0.002	ppm	ND	0.02
ASPERGILLUS NIGER		not present in 1 gram	AFLATOXIN B2	0.002	ppm	ND	0.02
ASPERGILLUS TERREUS		not present in 1 gram	AFLATOXIN B1	0.002	ppm	ND	0.02
ESCHERICHIA COLI SHIGELLA SPP		not present in 1 gram	OCHRATOXIN A+	0.002	ppm	ND	0.02
SALMONELLA SPECIFIC GENI		not present in 1 gram					

Analysis Method -SOP.T.40.043 / SOP.T.40.044  
Analytical Batch -GA016154MC Batch Date : 09/23/20  
Instrument Used : GA-093 PathogenDx Scanner  
Running On :

Analysis Method -SOP.T.30.065, SOP.T.40.065  
Analytical Batch -GA016304MYC | Reviewed On - 09/29/20 17:20:41  
Instrument Used : DA-LCMS-001\_DER (MYC)  
Running On :  
Batch Date : 09/24/20 17:12:41

Analyzed by	Weight	Extraction date	Extracted By	Analyzed by	Weight	Extraction date	Extracted By
1748	0.9796g	09/23/20	1790	585	1.9031g	09/24/20 05:09:25	1541

Dilution	Consums. ID	Consums. ID
10	2802021 2803029 A10 2807010 2809005 2810015A	A09 2804028 2808006 2811018

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP T.40.043) is a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological/mouldy testing.

### Heavy Metals **PASSED**

Reagent	Reagent	Dilution	Consums. ID
041420.13	091730.R02	50	106624069
091719.R07	092220.R03		106667-05-100719
092120.R47			
110519.12			
081420.12			
091720.R01			

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3
LEAD	0.05	PPM	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
650	0.5020g	09/24/20 01:09:57	1791

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -GA01625SHEA | Reviewed On - 09/25/20 09:31:46  
Instrument Used : GA-ICPMS-001-DER  
Running On : 09/24/20 16:16:10  
Batch Date : 09/24/20 12:53:47

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP T.40.050 Heavy Metals Analysis via ICP-MS.

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Lab Director  
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09/30/2020  
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