Method Testing Laboratories
2720 Broadway Center Blvd.
Brandon, FL 33510
Lic #CMTL-2023-00012

Certificate of Analysis

Order # 2308HBR0025
Order Date: 8/31/2023
Sample # 2308HBR0025-001
Sampling Date: 9/5/2023 00:09

Receipt Date: 9/5/2023 14:09
Completion Date: 09/13/2023 16:51
Initial Gross Weight: 32.41 g
Total Batch Wgt or Vol:

Product Name: Green Roads Broad Spectrum CBD Oil 750 mg
Seed to Sale #:
Batch #: H29Z01
Lot ID: H29Z01

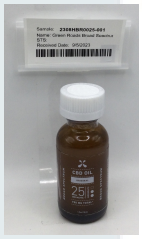
Client: Global Widget
Address: 8419 Sunstate Street
Address: Tampa, FL 33634

Batch Date: 9/5/2023
Extracted From: Hemp
Cultivars: Isolate
Description: Tincture

Sampling Method: LAB-025
Matrix: Tinctures
Test Reg State: Hemp CA

Cultivation Facility:
Cultivation Date:
Production Facility:
Production Date:

SUMMARY



TESTED Potency	NOT TESTED Terpenes	PASSED Pesticides	PASSED Heavy Metals	NOT TESTED Total Contaminant Load	PASSED Residual Solvents	NOT TESTED Total Aerobic Bacteria
PASSED Mycotoxins	PASSED Microbials	PASSED Total Yeast and Mold	PASSED Filth and Foreign Material	PASSED Water Activity	NOT TESTED Moisture	NOT TESTED Homogeneity

POTENCY — TESTED

Analyte	LOD (mg/g)	Result (mg/g)	Result %	mg/unit
CBD	0.018	21.4	2.14	744.75
CBG	0.032	1.50	0.150	52.329
CBC	0.045	0.115	0.011	N/A
CBDA	0.018	ND	ND	N/A
CBDV	0.015	ND	ND	N/A
CBGA	0.025	ND	ND	N/A
CBN	0.014	ND	ND	N/A
d8-THC	0.013	ND	ND	N/A
d9-THC	0.03	ND	ND	N/A
THCA	0.022	ND	ND	N/A
THCV	0.021	ND	ND	N/A

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
023	9/12/2023 14:38	023	9/12/2023 14:47
Batch Reviewed By:	Date/Time:	Analysis #	
029	9/13/2023 16:49	Potency HPLC2.batch.bin	
Specimen wt (g):		Dilution:	
0.5276		100	
Analysis Method:		Instrument Used:	
TM-001 Potency		HPLC	

POTENCY SUMMARY

Total THC 0.000%	Total THC/Unit N/A	THC Label Claim N/A N/A	Total Cannabinoids 2.29%
Total CBD 2.14%	Total CBD/Unit 744.75 mg	CBD Label Claim N/A N/A	Total Cannabinoids/Unit 797.08 mg

TERPENES SUMMARY

Analyte	Result	Result %
(+/-)-Borneol		
(+/-)-Fenchone		
[+/-]-Camphor		
alpha-Bisabolol		
alpha-Cedrene		
alpha-Humulene		
alpha-Phellandrene		
alpha-Pinene		
alpha-Terpinene		
alpha-terpinolene		

Total Terpenes:

Showing top 10 Terpenes, full analysis on the following page.

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PJLA Testing
Accreditation #111022

Anthony Repay — **Lab Director-Micro** — **09/13/2023 16:51**

Method Testing Laboratories
2720 Broadway Center Blvd.
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Certificate of Analysis

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Order Date: 8/31/2023
Sample # 2308HBR0025-001
Sampling Date: 9/5/2023 00:09

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Completion Date: 09/13/2023 16:51
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Total Batch Wgt or Vol:

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Seed to Sale #:
Batch #: H29Z01
Lot ID: H29Z01

Client: Global Widget
Address: 8419 Sunstate Street
Address: Tampa, FL 33634

Batch Date: 9/5/2023
Extracted From: Hemp
Cultivars: Isolate
Description: Tincture

Sampling Method: LAB-025
Matrix: Tinctures
Test Reg State: Hemp CA

Cultivation Facility:
Cultivation Date:
Production Facility:
Production Date:

TERPENES — NOT TESTED

Analyte	LOD	Result	Result %	Analyte	LOD	Result	Result %
alpha-Pinene				Camphene			
Isopulegol				delta-3-Carene			
alpha-Terpinene				Eucalyptol			
gamma-Terpinene				alpha-terpinolene			
Linalool				Geraniol			
alpha-Humulene				Z-Nerolidol			
Menthol				E-Nerolidol			
Guaiol				E-Caryophyllene			
Nerol				alpha-Bisabolol			
Valencene				D-Limonene			
alpha-Cedrene				Sabinene			
Endo-Fenchyl Alcohol				Terpineol			
Pulegone				[+/-]-Camphor			
Isoborneol				(+/-)-Fenchone			
Ocimenes				Cedrol			
Farnesene				Geranyl acetate			
alpha-Phellandrene				beta-Pinene			
beta-Myrcene				Caryophyllene Oxide			
(+/-)-Borneol				Sabinene Hydrate			

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
Batch Reviewed By:	Date/Time:	Analysis #	
Specimen wt:		Dilution:	
Analysis Method:		Instrument Used:	

Total Terpenes: %

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PJLA Testing
Accreditation #111022

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Seed to Sale #:
Batch #: H29Z01
Lot ID: H29Z01

Client: Global Widget
Address: 8419 Sunstate Street
Address: Tampa, FL 33634

Batch Date: 9/5/2023
Extracted From: Hemp
Cultivars: Isolate
Description: Tincture

Sampling Method: LAB-025
Matrix: Tinctures
Test Reg State: Hemp CA

Cultivation Facility:
Cultivation Date:
Production Facility:
Production Date:

PESTICIDES — PASSED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Abamectin	14.3	300	ND	Pass
Acequinocyl	14.4	4000	ND	Pass
Aldicarb	11.4	100	ND	Pass
Bifenazate	14.3	5000	ND	Pass
Boscalid	13.1	10000	ND	Pass
Carbaryl	14.2	500	ND	Pass
Chlorantraniliprole	26.4	40000	ND	Pass
Chlorfenapyr	6.8	100	ND	Pass
Chlorpyrifos	15.6	100	ND	Pass
Coumaphos	3.9	100	ND	Pass
Cypermethrin	14	1000	ND	Pass
Diazinon	11.2	200	ND	Pass
Dimethoate	15.1	100	ND	Pass
Ethoprophos	13.7	100	ND	Pass
Etoxazole	11.2	1500	ND	Pass
Fenoxycarb	14.4	100	ND	Pass
Fipronil	12.3	100	ND	Pass
Fludioxonil	12.5	30000	ND	Pass
Imazalil	14.4	100	ND	Pass
Kresoxim-methyl	10	1000	ND	Pass
Metalaxyl	12.2	15000	ND	Pass
Methomyl	9.6	100	ND	Pass
Mevinphos	11.4	100	ND	Pass
Naled	15.1	500	ND	Pass
Paclobutrazol	12.4	100	ND	Pass
Permethrin	9.7	20000	ND	Pass
Piperonylbutoxide	8	8000	ND	Pass
Propiconazole	14.6	20000	ND	Pass
Pyrethrins	25.0	1000	ND	Pass
Spinetoram	12.2	3000	ND	Pass
Spiromesifen	14.9	12000	ND	Pass
Spiroxamine	14.7	100	ND	Pass
Thiacloprid	8.2	100	ND	Pass
Trifloxystrobin	7	30000	ND	Pass

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Acephate	8.4	5000	ND	Pass
Acetamiprid	9.3	5000	ND	Pass
Azoxystrobin	14	40000	ND	Pass
Bifenthrin	11.1	500	ND	Pass
Captan	13.3	5000	ND	Pass
Carbofuran	8.4	100	ND	Pass
Chlordane	10	100	ND	Pass
Chlormequat chloride				
Clofentezine	13.6	500	ND	Pass
Cyfluthrin	7.6	1000	ND	Pass
Daminozide	13.5	100	ND	Pass
Dichlorvos	14.4	100	ND	Pass
Dimethomorph	16.7	20000	ND	Pass
Etofenprox	9.4	100	ND	Pass
Fenhexamid	13.7	10000	ND	Pass
Fenpyroximate	12.9	2000	ND	Pass
Flonicamid	12.8	2000	ND	Pass
Hexythiazox	12.7	2000	ND	Pass
Imidacloprid	28.6	3000	ND	Pass
Malathion	19.2	5000	ND	Pass
Methiocarb	14.6	100	ND	Pass
Methyl parathion	9.1	100	ND	Pass
Myclobutanil	11.4	9000	ND	Pass
Oxamyl	7.6	200	ND	Pass
Pentachloronitrobenzene	8.4	200	ND	Pass
Phosmet	12.6	200	ND	Pass
Prallethrin	13.2	400	ND	Pass
Propoxur	8.7	100	ND	Pass
Pyridaben	12.4	3000	ND	Pass
Spinosad A and D	11.8	3000	ND	Pass
Spirotetramat	13.5	13000	ND	Pass
Tebuconazole	13	2000	ND	Pass
Thiamethoxam	13.4	4500	ND	Pass

Sample Prepared By: 034 Date/Time: 9/7/2023 11:18 Specimen wt (g): 1.0268 Dilution: 125 Analysis # 2023_09_06 GC2 Pest1.batch.bin
Sample Analyzed By: 034 Date/Time: 9/7/2023 11:48 Analysis Method: TM-003 Pesticides
Batch Reviewed By: 027 Date/Time: 9/8/2023 10:05 Instrument Used: GC/MS/MS

Sample Prepared By: 034 Date/Time: 9/7/2023 11:18 Specimen wt (g): 1.0268 Dilution: 125 Analysis # 2023_09_06 LC1 Pest1.batch.bin
Sample Analyzed By: 034 Date/Time: 9/7/2023 11:48 Analysis Method: TM-002 Pesticides and Mycotoxins
Batch Reviewed By: 027 Date/Time: 9/8/2023 10:05 Instrument Used: LC/MS/MS

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PJLA Testing
Accreditation #111022

Anthony Repay **Lab Director-Micro** **09/13/2023 16:51**

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Certificate of Analysis

Order # 2308HBR0025
Order Date: 8/31/2023
Sample # 2308HBR0025-001
Sampling Date: 9/5/2023 00:09

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Completion Date: 09/13/2023 16:51
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Total Batch Wgt or Vol:

Product Name: Green Roads Broad Spectrum CBD Oil 750 mg
Seed to Sale #:
Batch #: H29Z01
Lot ID: H29Z01

Client: Global Widget
Address: 8419 Sunstate Street
Address: Tampa, FL 33634

Batch Date: 9/5/2023
Extracted From: Hemp
Cultivars: Isolate
Description: Tincture

Sampling Method: LAB-025
Matrix: Tinctures
Test Reg State: Hemp CA

Cultivation Facility:
Cultivation Date:
Production Facility:
Production Date:

HEAVY METALS — PASSED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Lead	20.7	500	ND	Pass
Arsenic	26.2	1500	ND	Pass
Cadmium	18.9	500	ND	Pass
Mercury	28.4	3000	ND	Pass

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
037	9/8/2023 10:28	037	9/8/2023 11:41
Batch Reviewed By:	Date/Time:	Analysis #	
027	9/8/2023 11:58	ICPMS_1.b	
Specimen wt (g):		Dilution:	
0.1360		50	
Analysis Method:		Instrument Used:	
TM-006 Heavy Metals		ICP-MS	

TOTAL CONTAMINANT LOAD

Analyte	Action Level (mg/kg)	Result (mg/kg)	Status
Heavy Metals/Pesticides			N/A

RESIDUAL SOLVENTS — PASSED

Analyte	LOD (mg/kg)	Action Level (mg/kg)	Result (mg/kg)	Status
Acetone	15.2	5000	ND	Pass
Acetonitrile	10.3	410	ND	Pass
Benzene	0.117	1	ND	Pass
Butane	22.5	5000	ND	Pass
Chloroform	0.109	1	ND	Pass
1,2-Dichloroethane	0.186	1	ND	Pass
1,1-Dichloroethene				N/A
Ethanol	17.8		1305	N/A
Ethyl acetate	15.3	5000	ND	Pass
Ethyl ether	18.9	5000	ND	Pass
Ethylene oxide	0.225	1	ND	Pass
Heptane	29.4	5000	ND	Pass
Hexane	27.1	290	ND	Pass
Isopropyl alcohol	15.4	5000	ND	Pass
Methanol	22.9	3000	ND	Pass
Methylene chloride	0.088	1	ND	Pass
Pentane	27.6	5000	ND	Pass
Propane	17.6	5000	ND	Pass
Trichloroethylene	0.098	1	ND	Pass
Toluene	22.6	890	ND	Pass
Total xylenes	20.0	2170	ND	Pass

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
048	9/6/2023 15:26	048	9/7/2023 10:53
Batch Reviewed By:	Date/Time:	Analysis #	
027	9/7/2023 11:51	09062023 RSA 1.batch.bin	
Specimen wt (g):		Dilution:	
0.2932		5	
Analysis Method:		Instrument Used:	
TM-005 Residual Solvents		HS-GCMS	

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Anthony Repay — **Lab Director-Micro** — **09/13/2023 16:51**

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Description: Tincture

Sampling Method: LAB-025
Matrix: Tinctures
Test Reg State: Hemp CA

Cultivation Facility:
Cultivation Date:
Production Facility:
Production Date:

MYCOTOXINS PASSED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Aflatoxin B1				N/A
Aflatoxin B2				N/A
Aflatoxin G1				N/A
Aflatoxin G2				N/A
Ochratoxin A	2.9	20	ND	Pass
Total Aflatoxin		20	0.000	Pass

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
034	9/7/2023 11:18	025	9/7/2023 17:20
Batch Reviewed By:	Date/Time:	Analysis #	
027	9/7/2023 17:35	2023_09_06 LC1 Pest1.batch.bin	
Specimen wt (g):		Dilution:	
1.0268		125	
Analysis Method:		Instrument Used:	
TM-002 Pesticides and Mycotoxins		LC/MS/MS	

TOTAL YEAST AND MOLD PASSED

Analyte	Action Level (cfu/g)	Result (cfu/g)	Status
Total Combined Yeasts & Molds	100000	ND	Pass

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
022	9/8/2023 9:42	022	9/8/2023 9:44
Batch Reviewed By:	Date/Time:	Analysis #	
027	9/8/2023 9:57	3	
Specimen wt (g):		Dilution:	
1.00		10	
Analysis Method:		Instrument Used:	
TM-012 Yeast and Molds		Incubator	

MICROBIAL PASSED

Analyte	Action Level (present in 1 g)	Result (present in 1 g)	Status
Salmonella	Present	Absent	Pass
Shiga Toxin E. coli	Present	Absent	Pass
Total Aspergillus*			N/A

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
022	9/8/2023 8:02	022	9/8/2023 8:07
Batch Reviewed By:	Date/Time:	Analysis #	
027	9/8/2023 9:52	3	
Specimen wt (g):		Dilution:	
1.020		1	
Analysis Method:		Instrument Used:	
TM-011 Microbiology		qPCR	

* Total Aspergillus represents the sum of the results of Aspergillus flavus, Aspergillus fumigatus, Aspergillus niger, and Aspergillus terreus.

FILTH & FOREIGN MATERIAL PASSED

Analyte	Action Level	Result	Status
Foreign Material (per 3g)	1	0.000	Pass
Filth (%)	25	0.000	Pass

Sample Analyzed By:	Date/Time:	
031	9/6/2023 15:09	
Batch Reviewed By:	Date/Time:	Analysis #
027	9/6/2023 16:09	FF
Specimen wt (g):		
15.0		
Analysis Method:		Instrument Used:
TM-010 Filth and Foreign Material		Electronic Balance

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Extracted From: Hemp
Cultivars: Isolate
Description: Tincture

Sampling Method: LAB-025
Matrix: Tinctures
Test Reg State: Hemp CA

Cultivation Facility:
Cultivation Date:
Production Facility:
Production Date:

WATER ACTIVITY PASSED

Analyte	Action Level (aw)	Result (aw)	Status
Water Activity	0.85	0.16	Pass

Sample Analyzed By: 045
Date/Time: 9/6/2023 17:22
Batch Reviewed By: 040
Date/Time: 9/7/2023 10:06
Analysis #: WA
Specimen wt (g): 1.04
Analysis Method: TM-007 Water Activity
Instrument Used: Water Activity Probe

MOISTURE NOT TESTED

Analyte	Action Level (%)	Result (%)	Status
Moisture Content			N/A

Sample Analyzed By:
Date/Time:
Batch Reviewed By:
Date/Time:
Analysis #
Specimen wt (g):
Analysis Method:
Instrument Used:

TOTAL AEROBIC BACTERIA NOT TESTED

Analyte	Action Level (cfu/g)	Result (cfu/g)	Status
Total Aerobic Bacteria			N/A

Sample Prepared By:
Date/Time:
Sample Analyzed By:
Date/Time:
Batch Reviewed By:
Date/Time:
Analysis #
Specimen wt (g):
Dilution:
Analysis Method:
Instrument Used:

Definitions and Abbreviations used in this report: Total THC = Delta 9 THC + (THCA*0.877), Total CBD = CBD + (CBDA*0.877), Total Cannabinoids = THC + THCA + CBD + CBDA + CBG + CBGA + Delta 8 THC + THCV + CBDV + CBC + CBN, Total THC and Total CBD are expressed as mg in total package weight, (Dilution) = Dilution Factor, (%) = Percent, (mg/g) = Milligrams per Gram, (mg/mL) = Milligrams per Milliliter, (mg/kg) = Milligrams per Kilogram, (ug/kg) = Microgram per Kilogram, (cfu/g) = Colony Forming Unit per Gram, Action Limit of Absent is equivalent to < 1 cfu/g, (aw) = Water Activity, (LOD) = Limit of Detection, (LOQ) = Limit of Quantitation; (ppm) = parts per million; (ppb) = parts per billion; Units for ppm also expressed as (mg/kg); Units for ppb also expressed as (ug/kg).

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PJLA Testing
Accreditation #111022

Anthony Repay — **Lab Director-Micro** — **09/13/2023 16:51**