



Certificate of Analysis

Order # 2308HBR0010	Receipt Date: 8/10/2024 13:08	Product Name: Green Roads Muscle & Joint Relief CBD Cream 750 mg	
Order Date: 8/9/2024	Completion Date: 08/11/2024 15:09	Seed to Sale #:	
Sample # 2308HBR0010-001	Initial Gross Weight: 10.01 g	Batch #: H08Z01	
Sampling Date: 8/10/2024 00:08	Total Batch Wgt or Vol:	Lot ID: H08Z01	
Client: Global Widget	Batch Date: 8/10/2024	Sampling Method: LAB-025	Cultivation Facility:
Address: 8419 Sunstate Street	Extracted From: Hemp	Matrix: Topical	Cultivation Date:
Address: Tampa, FL 33634	Cultivars: Isolate	Test Reg State: Hemp FL	Production Facility:
	Description: Topical		Production Date:

SUMMARY



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

POTENCY

TESTED

Analyte	LOD (mg/g)	Result (mg/g)	Result %	mg/unit
CBD	0.00001	25.7	2.57	770.74
CBDV	0.000017	0.154	0.015	4.622
CBC	0.000004	ND	ND	N/A
CBDA	0.000012	ND	ND	N/A
CBG	0.000015	ND	ND	N/A
CBGA	0.000008	ND	ND	N/A
CBN	0.000009	ND	ND	N/A
d8-THC	0.000246	ND	ND	N/A
d9-THC	0.00002	ND	ND	N/A
THCA	0.000012	ND	ND	N/A
THCV	0.000015	ND	ND	N/A

POTENCY SUMMARY

Total THC 0.000%	Total THC/Unit N/A	THC Label Claim N/A	Total Cannabinoids 2.58%
Total CBD 2.57%	Total CBD/Unit 770.74 mg	CBD Label Claim N/A	Total Cannabinoids/Unit 775.36 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.

Sample Prepared By: 040	Date/Time: 8/11/2024 9:38	Sample Analyzed By: 040	Date/Time: 8/11/2024 9:48
Batch Reviewed By: 029	Date/Time: 8/11/2024 10:54	Analysis #: Potency 2.batch.bin	
Specimen wt (g): 1.0081		Dilution: 100	
Analysis Method: TM-001 Potency		Instrument Used: HPLC	

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A. Repay
Anthony Repay Lab Director-Micro

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Address: 8419 Sunstate Street	Extracted From: Hemp	Matrix: Topical	Cultivation Date:
Address: Tampa, FL 33634	Cultivars: Isolate	Test Reg State: Hemp FL	Production Facility:
	Description: Topical		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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Sample # 2308HBR0010-001	Initial Gross Weight: 10.01 g	Batch #: H08Z01	
Sampling Date: 8/10/2024 00:08	Total Batch Wgt or Vol:	Lot ID: H08Z01	
Client: Global Widget	Batch Date: 8/10/2024	Sampling Method: LAB-025	Cultivation Facility:
Address: 8419 Sunstate Street	Extracted From: Hemp	Matrix: Topical	Cultivation Date:
Address: Tampa, FL 33634	Cultivars: Isolate	Test Reg State: Hemp FL	Production Facility:
	Description: Topical		Production Date:

PESTICIDES					NOT TESTED				
Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status	Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Abamectin				N/A	Acephate				
Acequinocyl				N/A	Acetamiprid				
Aldicarb				N/A	Azoxystrobin				
Bifenazate				N/A	Bifenthrin				
Boscalid				N/A	Captan				
Carbaryl				N/A	Carbofuran				
Chlorantraniliprole				N/A	Chlordane				
Chlorfenapyr				N/A	Chloromequat chloride				
Chlorpyrifos				N/A	Clofentezine				
Coumaphos				N/A	Cyfluthrin				
Cypermethrin				N/A	Daminozide				
Diazinon				N/A	Dichlorvos				
Dimethoate				N/A	Dimethomorph				
Ethoprophos				N/A	Etofenprox				
Etoxazole				N/A	Fenhexamid				
Fenoxycarb				N/A	Fenpyroximate				
Fipronil				N/A	Fonicamid				
Fludioxonil				N/A	Hexythiazox				
Imazalil				N/A	Imidacloprid				
Kresoxim-methyl				N/A	Malathion				
Metalaxyl				N/A	Methiocarb				
Methomyl				N/A	Methyl parathion				
Mevinphos				N/A	Myclobutanil				
Naled				N/A	Oxamyl				
Pacllobutrazol				N/A	Pentachloronitrobenzene				
Permethrin				N/A	Phosmet				
Piperonylbutoxide				N/A	Prallethrin				
Propiconazole				N/A	Propoxur				
Pyrethrins				N/A	Pyridaben				
Spinetoram				N/A	Spinosad A and D				
Spiromesifen				N/A	Spirotetramat				
Spiroxamine				N/A	Tebuconazole				
Thiacloprid				N/A	Thiamethoxam				
Trifloxystrobin				N/A					

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

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Anthony Repay **Lab** **08/11/2024 15:09**
Director-Micro



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Sampling Date: 8/10/2024 00:08	Total Batch Wgt or Vol:	Lot ID: H08Z01

Client: Global Widget	Batch Date: 8/10/2024	Sampling Method: LAB-025	Cultivation Facility:
Address: 8419 Sunstate Street	Extracted From: Hemp	Matrix: Topical	Cultivation Date:
Address: Tampa, FL 33634	Cultivars: Isolate	Test Reg State: Hemp FL	Production Facility:
	Description: Topical		Production Date:

HEAVY METALS NOT TESTED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Lead				N/A
Arsenic				N/A
Cadmium				N/A
Mercury				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:	

RESIDUAL SOLVENTS NOT TESTED

Analyte	LOD (mg/kg)	Action Level (mg/kg)	Result (mg/kg)	Status
Acetone				N/A
Acetonitrile				N/A
Benzene				N/A
Butane				N/A
Chloroform				N/A
1,2-Dichloroethane				N/A
1,1-Dichloroethene				N/A
Ethanol				N/A
Ethyl acetate				N/A
Ethyl ether				N/A
Ethylene oxide				N/A
Heptane				N/A
Hexane				N/A
Isopropyl alcohol				N/A
Methanol				N/A
Methylene chloride				N/A
Pentane				N/A
Propane				N/A
Trichloroethylene				N/A
Toluene				N/A
Total xylenes				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:	

TOTAL CONTAMINANT LOAD

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

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Address: Tampa, FL 33634	Cultivars: Isolate	Test Reg State: Hemp FL	Production Facility:
	Description: Topical		Production Date:

MYCOTOXINS		NOT TESTED		
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				N/A
Total Aflatoxin				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:

TOTAL YEAST AND MOLD		NOT TESTED		
Analyte	Action Level (cfu/g)	Result (cfu/g)	Status	
Total Combined Yeasts & Molds			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:

MICROBIAL		NOT TESTED		
Analyte	Action Level (present in 1 g)	Result (present in 1 g)	Status	
Salmonella			N/A	
Shiga Toxin E. coli			N/A	
Total Aspergillus*			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:

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

FILTH & FOREIGN MATERIAL		NOT TESTED		
Analyte	Action Level	Result	Status	
Feces Amount (mg/kg)			N/A	
Filth (%)			N/A	
Foreign Material (per 3g)			N/A	

Sample Analyzed By: Date/Time:

Batch Reviewed By: Date/Time: Analysis #

Specimen wt (g):

Analysis Method: Instrument Used:

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Address: Tampa, FL 33634	Cultivars: Isolate	Test Reg State: Hemp FL	Production Facility:
	Description: Topical		Production Date:

WATER ACTIVITY		NOT TESTED	
Analyte	Action Level (aw)	Result (aw)	Status
Water Activity			N/A
Sample Analyzed By:	Date/Time:		
Batch Reviewed By:	Date/Time:	Analysis #	
Specimen wt (g):			
Analysis Method:		Instrument Used:	

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:	

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