



Certificate of Analysis

Order # 2311HBR0005	Receipt Date: 11/9/2023 15:11	Product Name: Hemp Bombs Peppermint CBD Oil 1500 mg
Order Date: 11/8/2023	Completion Date: 11/13/2023 17:01	Seed to Sale #:
Sample # 2311HBR0005-004	Initial Gross Weight: 26.98 g	Batch #: 230490
Sampling Date: 11/9/2023 00:11	Total Batch Wgt or Vol:	Lot ID: P230072

Client: Global Widget	Batch Date: 11/9/2023	Sampling Method: LAB-025	Cultivation Facility:
Address: 8419 Sunstate Street	Extracted From: Hemp	Matrix: Tinctures	Cultivation Date: 11/8/2023
Address: Tampa, FL 33634	Cultivars: Isolate	Test Reg State: Hemp FL	Production Facility: Plant 6
	Description: Tincture		Production Date: 11/8/2023

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	64.1	6.41	1819.0
CBC	0.000004	ND	ND	N/A
CBDA	0.000012	ND	ND	N/A
CBDV	0.000017	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 6.41%
Total CBD 1.28%	Total CBD/Unit 1819 mg	CBD Label Claim N/A	Total Cannabinoids/Unit 1819 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: 11/11/2023 10:03	Sample Analyzed By: 040	Date/Time: 11/13/2023 12:42
Batch Reviewed By: 027	Date/Time: 11/13/2023 16:51	Analysis #	Potency HPLC3.batch.bin
Specimen wt (g): 0.5226		Dilution:	500
Analysis Method: TM-001 Potency		Instrument Used:	HPLC

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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Roy Sorensen
Roy Sorensen Lab Director 11/13/2023 17:01



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Address: Tampa, FL 33634	Cultivars: Isolate	Test Reg State: Hemp FL	Production Facility: Plant 6
	Description: Tincture		Production Date: 11/8/2023

TERPENES	NOT TESTED
Analyte	Analyte
LOD	LOD
Result	Result
Result %	Result %

alpha-Pinene
Isopulegol
alpha-Terpinene
gamma-Terpinene
Linalool
alpha-Humulene
Menthol
Guaiol
Nerol
Valencene
alpha-Cedrene
Endo-Fenchyl Alcohol
Pulegone
Isoborneol
Ocimenes
Farnesene
alpha-Phellandrene
beta-Myrcene
(+/-)-Borneol

Camphene
delta-3-Carene
Eucalyptol
alpha-terpinolene
Geraniol
Z-Nerolidol
E-Nerolidol
E-Caryophyllene
alpha-Bisabolol
D-Limonene
Sabinene
Terpineol
[+/-]-Camphor
(+/-)-Fenchone
Cedrol
Geranyl acetate
beta-Pinene
Caryophyllene Oxide
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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Sampling Date: 11/9/2023 00:11	Total Batch Wgt or Vol:	Lot ID: P230072

Client: Global Widget	Batch Date: 11/9/2023	Sampling Method: LAB-025	Cultivation Facility:
Address: 8419 Sunstate Street	Extracted From: Hemp	Matrix: Tinctures	Cultivation Date: 11/8/2023
Address: Tampa, FL 33634	Cultivars: Isolate	Test Reg State: Hemp FL	Production Facility: Plant 6
	Description: Tincture		Production Date: 11/8/2023

PESTICIDES	NOT TESTED
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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	Chlormequat chloride				
Chlorpyrifos				N/A	Clofentazine				
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				
Paclobutrazol				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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[Signature]
Roy Sorensen **Lab Director** **11/13/2023 17:01**



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Sampling Date: 11/9/2023 00:11	Total Batch Wgt or Vol:	Lot ID: P230072

Client: Global Widget	Batch Date: 11/9/2023	Sampling Method: LAB-025	Cultivation Facility:
Address: 8419 Sunstate Street	Extracted From: Hemp	Matrix: Tinctures	Cultivation Date: 11/8/2023
Address: Tampa, FL 33634	Cultivars: Isolate	Test Reg State: Hemp FL	Production Facility: Plant 6
	Description: Tincture		Production Date: 11/8/2023

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: Plant 6
	Description: Tincture		Production Date: 11/8/2023

MYCOTOXINS NOT TESTED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
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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
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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
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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
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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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Roy Sorensen
Roy Sorensen Lab Director

11/13/2023 17:01



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Address: Tampa, FL 33634	Cultivars: Isolate	Test Reg State: Hemp FL	Production Facility: Plant 6
	Description: Tincture		Production Date: 11/8/2023

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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Roy Sorensen **Lab Director** **11/13/2023 17:01**