

Certificate of Analysis

R&D ONLY NOT FOR RETAIL

Order # 2112HTB0003
Order Date: 12/2/2021
Sample # 2112HTB0003-002
Sampling Date: 12/3/2021 00:12

Receipt Date: 12/3/2021 12:12
Completion Date: 12/06/2021 15:40
Initial Gross Weight: 26.05 g
Sampling Method: LAB-025 Sample Receiving

Product Name: Hemp Bombs Natural Hemp CBD Oil
Description: Tincture
Matrix: Tinctures
Total Batch Weight or Volume:



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

Batch #: KUM6
Extracted From: Hemp
Lot ID: KUM6
Seed to Sale #:

Batch Date: 12/3/2021
Cultivars: Isolate
Test Reg State: Hemp FL

Cultivation Facility: Plant 8
Cultivation Date: 12/2/2021
Production Facility: Plant 6
Production Date: 12/2/2021

SUMMARY



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

POTENCY

TESTED

Analyte	LOD (mg/g)	Result (mg/g)	Result %	Result mg/unit
CBD	0.00001	48.249	4.825	1447.470
CBC	0.000004	ND	ND	
CBDA	0.000012	ND	ND	
CBDV	0.000017	ND	ND	
CBG	0.000015	ND	ND	
CBGA	0.000008	ND	ND	
CBN	0.000009	ND	ND	
d8-THC	0.000245	ND	ND	
d9-THC	0.00002	ND	ND	
THCA	0.000012	ND	ND	
THCV	0.021	ND	ND	

Sample Prepared By: 015
Date/Time: 12/6/2021 10:47
Batch Reviewed By: 006
Date/Time: 12/6/2021 12:36
Specimen wt (g): 0.5010
Analysis Method: TM-001 Potency

Sample Analyzed By: 015
Date/Time: 12/6/2021 10:50
Analysis #: Potency 3
Dilution: 500
Instrument Used: HPLC

POTENCY SUMMARY

Total THC 0.000%	Total THC/Unit 0.000 mg	THC Label Claim N/A N/A	Total Cannabinoids 4.82%
Total CBD 4.82%	Total CBD/Unit 1447.5 mg	CBD Label Claim N/A N/A	Total Cannabinoids/Unit 1450 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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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				Carophyllene 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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Cultivars: Isolate
Test Reg State: Hemp FL

Cultivation Facility: Plant 8
Cultivation Date: 12/2/2021
Production Facility: Plant 6
Production Date: 12/2/2021

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	Acetamidprid				
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	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				
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:		
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Roy Sorensen - Lab Director

12/06/2021 15:40

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Test Reg State: Hemp FL

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Cultivation Date: 12/2/2021
Production Facility: Plant 6
Production Date: 12/2/2021

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: _____

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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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Production Date: 12/2/2021

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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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:		
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Specimen wt (g):			
Analysis Method:		Instrument Used:	

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