



# Certificate of Analysis

**Order #** 2408HBR0004      Receipt Date: 8/26/2024 11:08      Product Name: CBG Focus Gummies 1800  
**Order Date:** 8/26/2024      Completion Date: 09/11/2024 09:53      Seed to Sale #:  
**Sample #** 2408HBR0004-002      Initial Gross Weight: 298.0 g      Batch #: P240274  
**Sampling Date:** 8/26/2024 00:08      Total Batch Wgt or Vol:      Lot ID: P240274

**Client:** Zen Organics Inc      Batch Date: 8/26/2024      Sampling Method: LAB-025      Cultivation Facility:  
Address: 1309 Coffeen Ave      Extracted From:      Matrix: Edible Gummy      Cultivation Date:  
Address: Sheridan, WY 82801      Cultivars:      Test Reg State: Hemp FL      Production Facility:  
Description: Broad spectrum CBD & CBG                Production Date:

## SUMMARY



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

## POTENCY TESTED

Analyte	LOD (mg/g)	Result (mg/g)	Result %	mg/unit
CBD	0.00001	3.90	0.390	19.50
CBG	0.000015	2.20	0.220	10.997
CBC	0.000004	ND	ND	N/A
CBDA	0.000012	ND	ND	N/A
CBDV	0.000017	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

**Sample Prepared By:** Date/Time:      **Sample Analyzed By:** Date/Time:  
023      8/28/2024 10:45      023      8/28/2024 10:55  
**Batch Reviewed By:** Date/Time:      **Analysis #**  
012      8/28/2024 12:19      08272024 Potency.batch.bin  
**Specimen wt (g):**      **Dilution:**  
0.5479      100  
**Analysis Method:**      **Instrument Used:**  
TM-001 Potency      HPLC

## POTENCY SUMMARY

Total THC 0.000%	Total THC/Unit 0 mg	THC Label Claim N/A N/A	Total Cannabinoids 0.61%
Total CBD 0.390%	Total CBD/Unit 19.5 mg	CBD Label Claim N/A N/A	Total Cannabinoids/Unit 30.499 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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*[Signature]*  
**Roy Sorensen      Lab Director      09/11/2024 09:53**



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Order Date: 8/26/2024	Completion Date: 09/11/2024 09:53	Seed to Sale #:
Sample # 2408HBR0004-002	Initial Gross Weight: 298.0 g	Batch #: P240274
Sampling Date: 8/26/2024 00:08	Total Batch Wgt or Vol:	Lot ID: P240274

<b>Client:</b> Zen Organics Inc	Batch Date: 8/26/2024	Sampling Method: LAB-025	Cultivation Facility:
Address: 1309 Coffeen Ave	Extracted From:	Matrix: Edible Gummy	Cultivation Date:
Address: Sheridan, WY 82801	Cultivars:	Test Reg State: Hemp FL	Production Facility:
	Description: Broad spectrum CBD & CBG		Production Date:

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:	

<b>Total Terpenes:</b>	%
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Sampling Date: 8/26/2024 00:08	Total Batch Wgt or Vol:	Lot ID: P240274

<b>Client:</b> Zen Organics Inc	Batch Date: 8/26/2024	Sampling Method: LAB-025	Cultivation Facility:
Address: 1309 Coffeen Ave	Extracted From:	Matrix: Edible Gummy	Cultivation Date:
Address: Sheridan, WY 82801	Cultivars:	Test Reg State: Hemp FL	Production Facility:
	Description: Broad spectrum CBD & CBG		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	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**

**09/11/2024 09:53**



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**Order Date:** 8/26/2024      Completion Date: 09/11/2024 09:53      Seed to Sale #:  
**Sample #** 2408HBR0004-002      Initial Gross Weight: 298.0 g      Batch #: P240274  
**Sampling Date:** 8/26/2024 00:08      Total Batch Wgt or Vol:      Lot ID: P240274

**Client:** Zen Organics Inc      Batch Date: 8/26/2024      Sampling Method: LAB-025      Cultivation Facility:  
**Address:** 1309 Coffeen Ave      Extracted From:      Matrix: Edible Gummy      Cultivation Date:  
**Address:** Sheridan, WY 82801      Cultivars:      Test Reg State: Hemp FL      Production Facility:  
 Description: Broad spectrum CBD & CBG      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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**Roy Sorensen      Lab Director      09/11/2024 09:53**



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Address: 1309 Coffeen Ave	Extracted From:	Matrix: Edible Gummy	Cultivation Date:
Address: Sheridan, WY 82801	Cultivars:	Test Reg State: Hemp FL	Production Facility:
	Description: Broad spectrum CBD & CBG		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		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*	Present	Absent	Pass	
Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:	
043	8/28/2024 10:52	043	8/28/2024 12:08	
Batch Reviewed By:	Date/Time:	Analysis #		
012	8/28/2024 12:44	2		
Specimen wt (g):	Dilution:			
1.05	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		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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*Roy Sorensen*  
**Roy Sorensen**      **Lab Director**

**09/11/2024 09:53**



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Address: 1309 Coffeen Ave	Extracted From:	Matrix: Edible Gummy	Cultivation Date:
Address: Sheridan, WY 82801	Cultivars:	Test Reg State: Hemp FL	Production Facility:
	Description: Broad spectrum CBD & CBG		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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