



Order # 2408HBR0004 Order Date: 8/26/2024 Sample # 2408HBR0004-007 Sampling Date: 8/26/2024 00:00	Completi 1 Initial Gro	Date: 8/26/2024 11 on Date: 09/12/202 oss Weight: 307.6 (ch Wgt or Vol:	24 19:00 9	Seed to Batch #	t Name: CBD Vital 0 5 Sale #: #: P240269 P240269	Gummies 1500		
Client: Zen Organics Inc Address: 1309 Cofffeen Ave Address: Sheridan, WY 82801	Extracted Cultivars	tch Date: 8/26/2024 tracted From: Itivars: scription: Broad spectrum CBD			ng Method: LAB-025 Edible Gummy eg State: Hemp FL	Cultivation Date:		
SUMMARY								
	TESTED Potency	NOT TESTED Terpenes	NOT TES		NOT TESTED Heavy Metals	NOT TESTED Total Contaminant Load	NOT TESTED Residual Solvents	NOT TESTED Total Aerobic Bacteria
COMMENTED 1200	NOT TESTED Mycotoxins	PASSED Microbials	NOT TES Total Ye and Mo	east	NOT TESTED Filth and Foreign Material	NOT TESTED Water Activity	NOT TESTED Moisture	NOT TESTED Homogeneity

POTENCY

Analyte	LOD (mg/g)	Result (mg/g)	Res %		ng/unit	
CBD	0.00001	4.52	0.4	52	23.16	
CBC	0.000004	ND	N	C	N/A	
CBDA	0.000012	ND	N	C	N/A	
CBDV	0.000017	ND	N	C	N/A	
CBG	0.000015	ND	N	C	N/A	
CBGA	0.000008	ND	N	C	N/A	
CBN	0.000009	ND	N	C	N/A	
d8-THC	0.000246	ND	N	C	N/A	
d9-THC	0.00002	ND	N	C	N/A	
THCA	0.000012	ND	N	C	N/A	
THCV	0.000015	ND	N	C	N/A	
Sample Prepared By:	Date/Time		Sample	Analyze	ed By:	Date/Time:
023	8/28/2024	10:45	023			8/28/2024 10:55
Batch Reviewed By:	Date/Time		Analysi	s #		
012	8/28/2024	12:19	082720	24 Poter	ncy.batc	h.bin
Specimen wt (g):			Dilution			
0.5375			100			
Analysis Method:			Instrum	ent Use	d:	
TM-001 Potency			HPLC			

TESTED

POTENCY SUMMARY

Total THC 0.000%	Total THC/Unit N/A	THC Label Claim N/A N/A	Total Cannabinoids 0.452%
Total CBD 0.452%	Total CBD/Unit 23.16 mg	CBD Label Claim N/A N/A	Total Cannabinoids/Unit 23.161 mg

Analyte	Result	Result %	
+/-)-Borneol			
+/-)-Fenchone			
+/-]-Camphor			
alpha-Bisabolol			
alpha-Cedrene			
alpha-Humulene			
alpha-Phellandrene			
alpha-Pinene			
alpha-Terpinene			
alpha-terpinolene			
	tal Terpenes:		

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Roy Sorensen

Lab Director





Order # 2408HBR0004	Receipt Date: 8/26/2024 11:08	Product Name: CBD Vital Gummies 1	500
Order Date: 8/26/2024	Completion Date: 09/12/2024 19:00	Seed to Sale #:	
Sample # 2408HBR0004-001	Initial Gross Weight:307.6 g	Batch #: P240269	
Sampling Date: 8/26/2024 00:08	Total Batch Wgt or Vol:	Lot ID: P240269	
Client: Zen Organics Inc	Batch Date: 8/26/2024	Sampling Method: LAB-025	Cultivation Facility:
Address: 1309 Cofffeen Ave	Extracted From:	Matrix: Edible Gummy	Cultivation Date:
Address: Sheridan, WY 82801	Cultivars:	Test Reg State: Hemp FL	Production Facility:
	Description: Broad spectrum CBD		Production Date:

TERPENES						N	OT TESTED	
Analyte	LO	D Result	Result %	Analyte	LOD	Result	Result %	
Ipha-Pinene sopulegol Ipha-Terpinene amma-Terpinene inalool Ipha-Humulene Aenthol Guaiol Jerol Valencene Ipha-Cedrene Endo-Fenchyl Alcohol Pulegone soborneol Ocimenes Farnesene Ipha-Phellandrene eta-Myrcene +/-)-Borneol				Camphene delta-3-Carene Eucalyptol alpha-terpinolene Geraniol Z-Nerolidol E-Caryophyllene alpha-Bisabolol D-Limonene Sabinene Terpineol [+/-]-Camphor (+/-)-Fenchone Cedrol Geranyl acetate beta-Pinene Caryophyllene Oxide Sabinene Hydrate				
ample Prepared By:	Date/Time:	Sample Analyzo	ed By: Date/Time:	Total Terpenes:		%	_	
atch Reviewed By:	Date/Time:	Analysis #						
pecimen wt:		Dilution:						
nalysis Method:		Instrument Use	d:					

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Roy Sorensen

Lab Director





NOT TESTED

Certificate of Analysis

Order # 2408HBR0004 Order Date: 8/26/2024 Sample # 2408HBR0004-001 Sampling Date: 8/26/2024 00:08	Receipt Date: 8/26/2024 11:08 Completion Date: 09/12/2024 19:00 Initial Gross Weight: 307.6 g Total Batch Wgt or Vol:	Product Name: CBD Vital Gummies 1 Seed to Sale #: Batch #: P240269 Lot ID: P240269	500
Client: Zen Organics Inc Address: 1309 Cofffeen Ave Address: Sheridan, WY 82801	Batch Date: 8/26/2024 Extracted From: Cultivars: Description: Broad spectrum CBD	Sampling Method: LAB-025 Matrix: Edible Gummy Test Reg State: Hemp FL	Cultivation Facility: Cultivation Date: Production Facility: Production Date:

PESTICIDES

FESTICIDES										
Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status	Analyte		LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
pamectin		,		N/A	Acephate			,		
equinocyl				N/A	Acetamiprid					
dicarb				N/A	Azoxystrobin					
fenazate				N/A	Bifenthrin					
oscalid				N/A	Captan					
arbaryl				N/A	Carbofuran					
lorantraniliprole				N/A	Chlordane					
lorfenapyr				N/A	Chlormequat chloride					
lorpyrifos				N/A	Clofentezine					
oumaphos				N/A	Cyfluthrin					
, permethrin				N/A	Daminozide					
azinon				N/A	Dichlorvos					
methoate				N/A	Dimethomorph					
hoprophos				N/A	Etofenprox					
oxazole				N/A	Fenhexamid					
noxycarb				N/A	Fenpyroximate					
pronil				N/A	Flonicamid					
udioxonil				N/A	Hexythiazox					
azalil				N/A	Imidacloprid					
esoxim-methyl				N/A	Malathion					
etalaxyl				N/A	Methiocarb					
ethomyl				N/A	Methyl parathion					
evinphos				N/A	Myclobutanil					
aled				N/A	Oxamyl					
aclobutrazol				N/A	Pentachloronitrobenzene					
ermethrin				N/A	Phosmet					
peronylbutoxide				N/A	Prallethrin					
opiconazole				N/A	Propoxur					
rethrins				N/A	Pyridaben					
oinetoram				N/A	Spinosad A and D					
piromesifen				N/A	Spirotetramat					
piroxamine				N/A	Tebuconazole					
niacloprid				N/A	Thiamethoxam					
floxystrobin				N/A						
ample Prepared By:	Date/Time:		Specimen wt (g):	:	Dilution:	Analysis #				
ample Analyzed By:	Date/Time:									
atch Reviewed By:	Date/Time:		Analysis Method nstrument Used							
ample Prepared By:	Date/Time:		Specimen wt (g)		Dilution:	Analysis #				
ample Analyzed By:	Date/Time:		Analysis Method							
ampio / maryzou by.	Dato/ Hinto.	/	-marysis method							

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Batch Reviewed By:



Lab Director





Order # 2408H	IBR0004	Receipt Date: 8/26	/2024 11:08	Product Name: CBD Vital G	Gummies 1500
Order Date: 8/26/20)24	Completion Date: (9/12/2024 19:00	Seed to Sale #:	
Sample # 2408HI	BR0004-001	Initial Gross Weigh	nt: 307.6 g	Batch #: P240269	
Sampling Date: 8/26	6/2024 00:08	Total Batch Wgt or	· Vol:	Lot ID: P240269	
Client: Zen Orga	nics Inc	Batch Date: 8/26/2	024	Sampling Method: LAB-025	Cultivation Facility:
Address: 1309 Coff	feen Ave	Extracted From:		Matrix: Edible Gummy	Cultivation Date:
Address: Sheridan,	WY 82801	Cultivars: Description: Broad	spectrum CBD	Test Reg State: Hemp FL	Production Facility: Production Date:
HEAVY METALS	5	NOT TESTED		RESIDUAL SOLVE	ENTS NOT TESTED
Analyte	LOD (ug/kg)	Action Level Res (ug/kg) (ug/k		Analyte	LOD Action Level Ro (mg/kg) (mg/kg) (m
Lead			N/A	Acetone	
Arsenic			N/A	Acetonitrile	
Cadmium			N/A	Benzene	
Mercury			N/A	Butane	
Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:	Chloroform	
				1,2-Dichloroethane	
Batch Reviewed By:	Date/Time:	Analysis #		1,1-Dichloroethene	
				Ethanol	
Specimen wt (g):		Dilution:		Ethyl acetate	
				Ethyl ether	
Analysis Method:		Instrument Used:		Ethylene oxide	
				Heptane	

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

RESIDUAL SUL		NULLESI	EU	
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 Analy	zed By: Date	e/Time:
Batch Reviewed By:	Date/Time:	Analysis #		
Specimen wt (g):		Dilution:		
Analysis Method:		Instrument Us	ed:	

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Lab Director





Status

N/A

Certificate of Analysis

Order Date: 8/26/20	3R0004-001	Completion	e: 8/26/2024 1 Date: 09/12/20 Weight: 307.6 Wgt or Vol:	24 19:00	See Bate	duct Name: CBD Vit d to Sale #: ch #: P240269 ID: P240269	al Gummies	1500		
Client: Zen Organ	nics Inc	Batch Date:	8/26/2024		San	npling Method: LAB-	025	Cultivation	Facility:	
Address: 1309 Coff	feen Ave	Extracted Fr	rom:		Mat	rix: Edible Gummy		Cultivation	Date:	
Address: Sheridan,	WY 82801	Cultivars:			Tes	t Reg State: Hemp F	FL	Production	Facility:	
		Description:	Broad spectru	Im CBD				Production	Date:	
MYCOTOXINS		NOT TEST	ED			TOTAL YEAST	AND MOI	_D NOT T	ESTED	
Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status		Analyte		Action Level (cfu/g)	Result (cfu/g)	
Aflatoxin B1				N/A		Total Combined Yeast	s & Molds			
Aflatoxin B2				N/A		Sample Prepared By:	Date/Time:	Sample	Analyzed By:	Date/T
Aflatoxin G1				N/A						
Aflatoxin G2				N/A		Batch Reviewed By:	Date/Time:	Analysis	#	
Ochratoxin A				N/A						
Total Aflatoxin				N/A		Specimen wt (g):		Dilution:		
Sample Prepared By:	Date/Time:	Sample Analyz	zed By: Date/ ⁻	lime:		Analysis Method:		Instrume	ent Used:	
Batch Reviewed By:	Date/Time:	Analysis #								
Specimen wt (g):		Dilution:								
Analysis Method:		Instrument Us	ed:							

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:		
1.03				
Analysis Method:		Instrume	ent Used:	
TM-011 Microbiology		qPCR		

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

FILTH & FOREIGI	N MATERIAL	I	NOT TESTE	ED
Analyte	Action L	evel	Result	Status
Feces Amount (mg/kg) Filth (%) Foreign Material (per 3g)				N/A N/A N/A
Sample Analyzed By:	Date/Time:			
Batch Reviewed By:	Date/Time:	Analysis #		
Specimen wt (g):				
Analysis Method:		Instrument	t Used:	

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Roy Sorensen

Lab Director





Order # 2408HBR0004 Order Date: 8/26/2024 Sample # 2408HBR0004-001 Sampling Date: 8/26/2024 00:08	Receipt Date: 8/26/2024 11:08 Completion Date: 09/12/2024 19:00 Initial Gross Weight: 307.6 g Total Batch Wgt or Vol:	Product Name: CBD Vital Gummie Seed to Sale #: Batch #: P240269 Lot ID: P240269	s 1500
Client: Zen Organics Inc Address: 1309 Coffeen Ave	Batch Date: 8/26/2024 Extracted From:	Sampling Method: LAB-025 Matrix: Edible Gummy	Cultivation Facility: Cultivation Date:
Address: Sheridan, WY 82801	Cultivars: Description: Broad spectrum CBD	Test Reg State: Hemp FL	Production Facility: Production Date:
	NOT TESTED	MOISTURE	

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:		Instrume	ent Used:	

TOTAL AEROBIC BACTERIA NOT TESTED

Analyte		Action Level (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:		Instrume	ent 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:		Instrume	nt Used:	

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