



Certificate of Analysis

Order # 2310HBR0008 Receipt Date: 10/10/2023 14:10 Product Name: Green Roads Relax Gummies Delta-9 + CBD Strawberry Sunset
Order Date: 10/6/2023 Completion Date: 10/17/2023 12:57 Seed to Sale #:
Sample # 2310HBR0008-006 Initial Gross Weight: 42.99 g Batch #: 230338
Sampling Date: 10/10/2023 00:10 Total Batch Wgt or Vol: Lot ID: 230338

Client: Global Widget Batch Date: 10/10/2023 Sampling Method: LAB-025 Cultivation Facility:
Address: 8419 Sunstate Street Extracted From: Hemp Matrix: Edible Gummy Cultivation Date: 10/6/2023
Address: Tampa, FL 33634 Cultivars: Distillate Test Reg State: Hemp FL Production Facility: Plant 6
 Description: Gummy Production Date: 10/6/2023

SUMMARY



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

POTENCY TESTED

Analyte	LOD (mg/g)	Result (mg/g)	Result %	mg/unit	
CBD	0.00001	5.28	0.528	22.19	█
d9-THC	0.00002	3.02	0.302	12.69	█
CBG	0.000015	0.214	0.021	0.897	
d8-THC	0.000246	0.163	0.016	0.683	
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	
THCA	0.000012	ND	ND	N/A	
THCV	0.000015	ND	ND	N/A	

Sample Prepared By: Date/Time: **Sample Analyzed By:** Date/Time:
 040 10/13/2023 14:39 040 10/13/2023 14:43
Batch Reviewed By: Date/Time: **Analysis #**
 029 10/13/2023 14:48 Potency 1.batch.bin
Specimen wt (g): **Dilution:**
 0.5164 100
Analysis Method: **Instrument Used:**
 TM-001 Potency HPLC

POTENCY SUMMARY

Total THC 0.302%	Total THC/Unit 12.69 mg	THC Label Claim N/A N/A	Total Cannabinoids 0.867%
Total CBD 0.528%	Total CBD/Unit 22.19 mg	CBD Label Claim N/A N/A	Total Cannabinoids/Unit 36.455 mg

TERPENES SUMMARY

Analyte	Result (ug/g)	Result %	
alpha-Bisabolol	< LOQ	< LOQ	
(+/-)-Borneol	ND	ND	
(+/-)-Fenchone	ND	ND	
[+/-]-Camphor	ND	ND	
alpha-Cedrene	ND	ND	
alpha-Humulene	ND	ND	
alpha-Phellandrene	ND	ND	
alpha-Pinene	ND	ND	
alpha-Terpinene	ND	ND	
alpha-terpinolene	ND	ND	

Total Terpenes:
 Showing top 10 Terpenes, full analysis on the following page.

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Anthony Repay **Lab Director-Micro**

10/17/2023 12:57



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 Description: Gummy Production Date: 10/6/2023

PESTICIDES **PASSED**

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	14.3	300	ND	Pass	Acephate	8.4	3000	ND	Pass
Acequinocyl	14.4	2000	ND	Pass	Acetamiprid	9.3	3000	ND	Pass
Aldicarb	11.4	100	ND	Pass	Azoxystrobin	14	3000	ND	Pass
Bifenazate	14.3	3000	ND	Pass	Bifenthrin	11.1	500	ND	Pass
Boscalid	13.1	3000	ND	Pass	Captan	13.3	3000	ND	Pass
Carbaryl	14.2	500	ND	Pass	Carbofuran	8.4	100	ND	Pass
Chlorantraniliprole	26.4	3000	ND	Pass	Chlordane	10	100	ND	Pass
Chlorfenapyr	6.8	100	ND	Pass	Chlormequat chloride	23.1	3000	ND	Pass
Chlorpyrifos	15.6	100	ND	Pass	Clofentazine	13.6	500	ND	Pass
Coumaphos	3.9	100	ND	Pass	Cyfluthrin	7.6	1000	ND	Pass
Cypermethrin	14	1000	ND	Pass	Daminozide	13.5	100	ND	Pass
Diazinon	11.2	200	ND	Pass	Dichlorvos	14.4	100	ND	Pass
Dimethoate	15.1	100	ND	Pass	Dimethomorph	16.7	3000	ND	Pass
Ethoprophos	14.7	100	ND	Pass	Etofenprox	9.4	100	ND	Pass
Etoxazole	11.2	1500	ND	Pass	Fenhexamid	13.7	3000	ND	Pass
Fenoxycarb	14.4	100	ND	Pass	Fenpyroximate	12.9	2000	ND	Pass
Fipronil	12.3	100	ND	Pass	Fonicamid	12.8	2000	ND	Pass
Fludioxonil	12.5	3000	ND	Pass	Hexythiazox	12.7	2000	ND	Pass
Imazalil	14.4	100	ND	Pass	Imidacloprid	28.6	3000	ND	Pass
Kresoxim-methyl	10	1000	ND	Pass	Malathion	19.2	2000	ND	Pass
Metalaxyl	12.2	3000	ND	Pass	Methiocarb	14.6	100	ND	Pass
Methomyl	9.6	100	ND	Pass	Methyl parathion	9.1	100	ND	Pass
Mevinphos	11.4	100	ND	Pass	Myclobutanil	11.4	3000	ND	Pass
Naled	15.1	500	ND	Pass	Oxamyl	7.6	500	ND	Pass
Paclobutrazol	12.4	100	ND	Pass	Pentachloronitrobenzene	8.4	200	ND	Pass
Permethrin	9.7	1000	ND	Pass	Phosmet	12.6	200	ND	Pass
Piperonylbutoxide	8	3000	ND	Pass	Prallethrin	13.2	400	ND	Pass
Propiconazole	14.6	1000	ND	Pass	Propoxur	8.7	100	ND	Pass
Pyrethrins	25.0	1000	ND	Pass	Pyridaben	12.4	3000	ND	Pass
Spinetoram	12.2	3000	ND	Pass	Spinosad A and D	11.8	3000	ND	Pass
Spiromesifen	14.9	3000	ND	Pass	Spirotetramat	13.5	3000	ND	Pass
Spiroxamine	14.7	100	ND	Pass	Tebuconazole	13	1000	ND	Pass
Thiacloprid	8.2	100	ND	Pass	Thiamethoxam	13.4	1000	ND	Pass
Trifloxystrobin	7	3000	ND	Pass					

Sample Prepared By: 034 Date/Time: 10/11/2023 18:06 Specimen wt (g): 1.0245 Dilution: 125 Analysis # 2023_10_11 GC1 Pest1.batch.bin
 Sample Analyzed By: 034 Date/Time: 10/12/2023 12:25 Analysis Method: TM-003 Pesticides
 Batch Reviewed By: 027 Date/Time: 10/12/2023 14:30 Instrument Used: GC/MS/MS

Sample Prepared By: 034 Date/Time: 10/11/2023 18:06 Specimen wt (g): 1.0245 Dilution: 125 Analysis # 2023_10_11 LC2 PEST1.batch.bin
 Sample Analyzed By: 034 Date/Time: 10/12/2023 12:25 Analysis Method: TM-002 Pesticides and Mycotoxins
 Batch Reviewed By: 027 Date/Time: 10/12/2023 14:30 Instrument Used: LC/MS/MS

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Anthony Repay Lab Director-Micro

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Address: 8419 Sunstate Street Extracted From: Hemp Matrix: Edible Gummy Cultivation Date: 10/6/2023
Address: Tampa, FL 33634 Cultivars: Distillate Test Reg State: Hemp FL Production Facility: Plant 6
 Description: Gummy Production Date: 10/6/2023

HEAVY METALS PASSED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Lead	20.7	500	ND	Pass
Arsenic	26.2	1500	ND	Pass
Cadmium	18.9	500	ND	Pass
Mercury	28.4	3000	ND	Pass

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
028	10/11/2023 11:18	028	10/11/2023 14:29
Batch Reviewed By:	Date/Time:	Analysis #	
028	10/11/2023 14:33	ICPMS_1_1011.b	
Specimen wt (g):		Dilution:	
0.1280		50	
Analysis Method:		Instrument Used:	
TM-006 Heavy Metals		ICP-MS	

RESIDUAL SOLVENTS PASSED

Analyte	LOD (mg/kg)	Action Level (mg/kg)	Result (mg/kg)	Status
Acetone	15.2	750	ND	Pass
Acetonitrile	10.3	60	ND	Pass
Benzene	0.1	1	ND	Pass
Butane	22.5	5000	ND	Pass
Chloroform	0.1	2	ND	Pass
1,2-Dichloroethane	0.2	2	ND	Pass
1,1-Dichloroethene	0.3	8	ND	Pass
Ethanol	17.8	5000	ND	Pass
Ethyl acetate	15.3	400	ND	Pass
Ethyl ether	18.9	500	ND	Pass
Ethylene oxide	0.2	5	ND	Pass
Heptane	29.4	5000	ND	Pass
Hexane	27.1	250	ND	Pass
Isopropyl alcohol	15.4	500	ND	Pass
Methanol	22.9	250	ND	Pass
Methylene chloride	0.1	125	ND	Pass
Pentane	27.6	750	ND	Pass
Propane	17.6	5000	ND	Pass
Trichloroethylene	0.1	25	ND	Pass
Toluene	22.6	150	ND	Pass
Total xylenes	20.0	150	ND	Pass

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
048	10/12/2023 9:34	048	10/12/2023 9:49
Batch Reviewed By:	Date/Time:	Analysis #	
027	10/12/2023 11:14	10112023 RSA 1.batch.bin	
Specimen wt (g):		Dilution:	
0.2845		5	
Analysis Method:		Instrument Used:	
TM-005 Residual Solvents		HS-GCMS	

TOTAL CONTAMINANT LOAD

Analyte	Action Level (mg/kg)	Result (mg/kg)	Status
Heavy Metals/Pesticides	30	0	Pass

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MYCOTOXINS PASSED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Aflatoxin B1	1.5	20	ND	Pass
Aflatoxin B2	2.7	20	ND	Pass
Aflatoxin G1	2.5	20	ND	Pass
Aflatoxin G2	2.5	20	ND	Pass
Ochratoxin A	2.9	20	ND	Pass
Total Aflatoxin				N/A

Sample Prepared By: Date/Time: Sample Analyzed By: Date/Time:
 034 10/11/2023 025 10/12/2023 14:20
 Batch Reviewed By: Date/Time: Analysis #
 027 10/12/2023 2023_10_11 LC2 PEST1.batch.bin
 Specimen wt (g): 14:30 Dilution:
 1.0245 125
 Analysis Method: Instrument Used:
 TM-002 Pesticides and Mycotoxins LC/MS/MS

TOTAL YEAST AND MOLD PASSED

Analyte	Action Level (cfu/g)	Result (cfu/g)	Status
Total Combined Yeasts & Molds	100000	ND	Pass

Sample Prepared By: Date/Time: Sample Analyzed By: Date/Time:
 022 10/13/2023 8:17 022 10/13/2023 8:20
 Batch Reviewed By: Date/Time: Analysis #
 029 10/13/2023 8:36 2
 Specimen wt (g): Dilution:
 1.05 10
 Analysis Method: Instrument Used:
 TM-012 Yeast and Molds Incubator

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:
 022 10/12/2023 13:50 022 10/12/2023 13:52
 Batch Reviewed By: Date/Time: Analysis #
 027 10/12/2023 14:19 3
 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 PASSED

Analyte	Action Level	Result	Status
Feces Amount (mg/kg)	0.5	0.000	Pass
Filth (%)	1	0.000	Pass

Sample Analyzed By: Date/Time:
 031 10/11/2023
 Batch Reviewed By: Date/Time: Analysis #
 027 10/12/2023 8:10 FF
 Specimen wt (g):
 15.0
 Analysis Method: Instrument Used:
 TM-010 Filth and Foreign Material Electronic Balance

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WATER ACTIVITY		PASSED	
Analyte	Action Level (aw)	Result (aw)	Status
Water Activity	0.85	0.61	Pass
Sample Analyzed By:	Date/Time		
045	10/11/2023 16:34		
Batch Reviewed By:	Date/Time:	Analysis #	
027	10/12/2023 8:04	WA	
Specimen wt (g):			
1.05			
Analysis Method:	Instrument Used:		
TM-007 Water Activity	Water Activity Probe		

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		TESTED	
Analyte	Action Level (cfu/g)	Result (cfu/g)	Status
Total Aerobic Bacteria		0.0	N/A
Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
043	10/11/2023 16:16	043	10/11/2023 16:16
Batch Reviewed By:	Date/Time:	Analysis #	
027	10/12/2023 8:04	1	
Specimen wt (g):	Dilution:		
1.05	10.00		
Analysis Method:	Instrument Used:		
TM-013, Total Aerobic Count	Incubator		

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