

Global Widget

Client Loc#: 8419 Sunstate St. Tampa, FL 33634

Eugene Choi - Global Widget Tampa



Compliance for Retail: **PASS**

Green Roads Kavalon Gummies Tahitian Berry Twist PKG P240369

Sample ID: T406404-01 CCB ID: MFG 240293
Matrix: Edibles

Total Sample Received: 165g
Total Units Received: 1
Unit Weight: 165g

Date Sampled: 06/19/2024
Date Received: 06/19/2024
Date Reported: 06/21/2024

Foreign Materials PASS	Heavy Metals PASS	Microbials PASS	Moisture Content NOT TESTED	Mycotoxins PASS
Pesticides PASS	Residual Solvents PASS	Terpenes TESTED	Water Activity PASS	Vitamins Supplements NOT TESTED

TL Laboratories

10350 Fisher Ave, Tampa, Florida 33619
813-726-3193 / www.terplifelabs.com

Brian C. Spann
Laboratory Director



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Mfr: Edibles

Reg Method	Batch	Lot/Run	Analyzed	Analyst	Prepmt	Prepped By	Spectrum Wt. (g)	Analysis SOP
Regulation: LOD/LOQ	242682	LCR045	6/20/2024 10:37:24PM	2514-0754	6/20/2024 4:54:09AM	6005	1.09	SCP1334
Regulation: ODO/OS	242681	GCMBMS	6/21/2024 11:05:42AM	0754-2870	6/20/2024 4:11:20AM	6005	1.09	SCP1334

Analyte	DIL	Action Limit	LOD	Results	Status	Analyte	DIL	Action Limit	LOD	Results	Status	
Abamectin	1	300	30	ppb	ND	Pass	Imidacloprid	1	3000	300	ND	Pass
Acephate	1	3000	300	ppb	ND	Pass	Kresoxim-methyl	1	1000	100	ND	Pass
Acequinocyl	1	2000	200	ppb	ND	Pass	Malathion	1	2000	200	ND	Pass
Acetamiprid	1	3000	300	ppb	ND	Pass	Metaxyl	1	3000	300	ND	Pass
Aldicarb	1	100	10	ppb	ND	Pass	Methiocarb	1	100	10	ND	Pass
Azoxystrobin	1	3000	300	ppb	ND	Pass	Methomyl	1	100	10	ND	Pass
Bifenazate	1	3000	300	ppb	ND	Pass	Mevinphos	1	100	10	ND	Pass
Bifenthrin	1	500	50	ppb	ND	Pass	Myclobutanil	1	3000	300	ND	Pass
Boscalid	1	3000	300	ppb	ND	Pass	Naled	1	500	50	ND	Pass
Carbaryl	1	500	50	ppb	ND	Pass	Oxamyl	1	500	50	ND	Pass
Carbofuran	1	100	10	ppb	ND	Pass	Paclobutrazol	1	100	10	ND	Pass
Chlorantraniliprole	1	3000	300	ppb	ND	Pass	Permethrin	1	1000	100	ND	Pass
Chloromequat Chloride	1	3000	300	ppb	ND	Pass	Phosmet	1	200	20	ND	Pass
Chlorpyrifos	1	100	10	ppb	ND	Pass	Piperonyl butoxide	1	3000	300	ND	Pass
Clofentezine	1	500	50	ppb	ND	Pass	Prallethrin	1	400	40	ND	Pass
Coumaphos	1	100	10	ppb	ND	Pass	Propiconazole	1	1000	100	ND	Pass
Cyfluthrin	1	1000	100	ppb	ND	Pass	Propoxur	1	100	10	ND	Pass
Cypermethrin	1	1000	100	ppb	ND	Pass	Pyrethrins	1	1000	100	ND	Pass
Daminozide	1	100	10	ppb	ND	Pass	Pyridaben	1	3000	300	ND	Pass
Diazinon	1	200	20	ppb	ND	Pass	Spinetoram, total	1	3000	300	ND	Pass
Dichlorvos	1	100	10	ppb	ND	Pass	Spinosad, total	1	3000	300	ND	Pass
Dimethoate	1	100	10	ppb	ND	Pass	Spiromesifen	1	3000	300	ND	Pass
Dimethomorph	1	3000	300	ppb	ND	Pass	Spirotetramat	1	3000	300	ND	Pass
Ethiofencarb	1	100	10	ppb	ND	Pass	Spiroxamine	1	100	10	ND	Pass
Etofenprox	1	100	10	ppb	ND	Pass	Tebuconazole	1	1000	100	ND	Pass
Etoxazole	1	1500	150	ppb	ND	Pass	Thiacloprid	1	100	10	ND	Pass
Fenhexamid	1	3000	300	ppb	ND	Pass	Thiamethoxam	1	1000	100	ND	Pass
Fenoxycarb	1	100	10	ppb	ND	Pass	Trifloxystrobin	1	3000	300	ND	Pass
Fenproximate	1	2000	200	ppb	ND	Pass	Captan*	1	3000	300	ND	Pass
Fipronil	1	100	10	ppb	ND	Pass	Chlordane*	1	100	10	ND	Pass
Fonicamid	1	2000	200	ppb	ND	Pass	Chlorfenapyr*	1	100	10	ND	Pass
Fludioxonil	1	3000	300	ppb	ND	Pass	Methyl parathion*	1	100	10	ND	Pass
Hexythiazox	1	2000	200	ppb	ND	Pass	Pentachloronitrobenzene*	1	200	20	ND	Pass
Imazalil	1	100	10	ppb	ND	Pass						

LOD = Limit of Detection; ND = Not Detected.
Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.
* - GC/MS Pesticide.

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Date Reported: 06/21/2024

Sample ID: T406404-01 CCB ID: MFG 240293
Matrix: Edibles

Mycotoxins

Pass

Date Prepared: 06/20/2024 08:54 Prepped By: 6555 Specimen Wt: 1.03 g
Date Analyzed: 06/20/2024 22:37 Analyzed By: 2875-0754 Instrument: LCMSMS
Lab Batch: 2425002 Prep Method: SOP 1363 Analysis Method: SOP 1350

Analyte	DIL	Action Limit	LOD	Results	Status
		ppb	ppb	ppb	
Aflatoxin B1	1	20.0	2	ND	Pass
Aflatoxin B2	1	20.0	2	ND	Pass
Aflatoxin G1	1	20.0	2	ND	Pass
Aflatoxin G2	1	20.0	2	ND	Pass
Ochratoxin A	1	20.0	2	ND	Pass

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Microbials

Pass

Date Prepared: 06/19/2024 13:16 Prep ID: 1093 Specimen Wt: 1.00 g
Date Analyzed: 06/20/2024 13:35 Analyzed ID: 1093 Instrument: qPCR
Lab Batch: 2425074 Analysis Method: SOP1353/1364/1352

Analyte	Action Limit	LOD	Results	Status
	cfu/g	cfu/g	cfu/g	
Aspergillus Flavus	1	1	Absent in 1 gram	Pass
Aspergillus Fumigatus	1	1	Absent in 1 gram	Pass
Aspergillus Niger	1	1	Absent in 1 gram	Pass
Aspergillus Terreus	1	1	Absent in 1 gram	Pass
Salmonella	1	1	Absent in 1 gram	Pass
Shiga Toxin producing E. Coli	1	1	Absent in 1 gram	Pass
Total Yeast and Mold	100000	10000	ND	Pass

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Foreign Materials

Pass

Date Prepared: 06/19/2024 12:40 Prep ID: 3781 Instrument: Visual Inspection
Date Analyzed: 06/19/2024 13:23 Analyzed ID: 3780
Lab Batch: 2425067 Analysis Method: SOP1350

Analyte	Action Limit (% by wt)	Results	Status
Foreign Material	1.00	ND	Pass
Feces	0.500	ND	Pass

ND = Not Detected.
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Heavy Metals

Pass

Date Prepared: 06/19/2024 12:03 Prepped By: 6514 Specimen Wt: 3.54 g
Date Analyzed: 06/21/2024 09:35 Analyzed By: 1094 Instrument: ICPMS
Lab Batch: 2425065 Prep Method: SOP 1362 Analysis Method: SOP1350

Analyte	DIL	Action Limit	LOD	Results	Status
		ppb	ppb	ppb	
Arsenic	1	1500	150	ND	Pass
Cadmium	1	500	50.0	ND	Pass
Lead	1	500	50.0	ND	Pass
Mercury	1	3000	300	ND	Pass
Total				0.00	

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Water Activity

Pass

Date Prepared: 06/19/2024 13:22 Prep ID: 3780 Specimen Wt: 3.67 g
Date Analyzed: 06/19/2024 13:22 Analyzed ID: 3780 Instrument: Water Activity Meter
Lab Batch: 2425067 Analysis Method: SOP1355

Analyte	Action Limit	Result	Status
	aW	aW	
Water Activity	0.85	0.54	Pass

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Unit Weight: 165g

Date Reported: 06/21/2024

Matrix: Gummies

Residual Solvents

Pass Terpenes Summary

Analyte	DIL.	Action Limit	LOD	Results	Status
1,1-Dichloroethene	1	ppm	ppm	ND	Pass
1,2-Dichloroethane	1	8.00	0.800	ND	Pass
Acetone	1	5000	500	ND	Pass
Acetonitrile	1	410	41.0	ND	Pass
Benzene	1	2.00	0.200	ND	Pass
Butane	1	5000	500	ND	Pass
Chloroform	1	60.0	6.00	ND	Pass
Ethanol	1	5000	500	1,490	Pass
Ethyl acetate	1	5000	500	ND	Pass
Ethyl ether	1	5000	500	ND	Pass
Ethylene oxide	1	10.0	1.00	ND	Pass
Heptane	1	5000	500	ND	Pass
Hexane	1	290	29.0	ND	Pass
Isopropyl alcohol	1	5000	500	ND	Pass
Methanol	1	3000	300	ND	Pass
Methylene chloride	1	600	60.0	ND	Pass
Pentane	1	5000	500	ND	Pass
Propane	1	5000	500	ND	Pass
Toluene	1	890	89.0	ND	Pass
Xylenes, total	1	2170	217	ND	Pass
Trichloroethylene	1	80.0	8.00	ND	Pass

Date Prepared: 06/20/2024 14:00 Prop ID: 2447 Specimen Wt: 0.05 g Instrument: GCMSMS HeadSpace Analyte Method: SOP1351
 Date Analyzed: 06/20/2024 23:51 Lab Name: 2425000
 Date Prepared: 06/20/2024 06:49 Prop ID: 0555 Specimen Wt: 5.06 g Instrument: GCMS Analyte Method: SOP1351

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Analyte	Dilution	LOD	Results
3-Carene (+)-	1	0.00246	%
alpha-Bisabolol, L	1	0.00246	%
alpha-Cedrene	1	0.00246	ND
alpha-Fenchyl alcohol, (+)-	1	0.00246	ND
alpha-Humulene	1	0.00246	ND
alpha-Phellandrene	1	0.00246	ND
alpha-Pinene	1	0.00246	ND
alpha-Terpinene	1	0.00246	ND
alpha-Terpineol	1	0.00246	ND
beta-Myrcene	1	0.00246	ND
beta-Ocimene	1	0.00246	ND
beta-Pinene	1	0.00246	ND
Borneol	1	0.00246	ND
Camphene	1	0.00246	ND
Camphor	1	0.00246	ND
Caryophyllene Oxide	1	0.00246	ND
Cedrol	1	0.00246	ND
D-Limonene	1	0.00246	ND
E-Caryophyllene	1	0.00246	ND
E-Nerolidol	1	0.00246	ND
Eucalyptol	1	0.00246	ND
Farnesene	1	0.00246	ND
Fenchone	1	0.00246	ND
gamma-Terpinene	1	0.00246	ND
Geraniol	1	0.00246	ND
Geranyl Acetate	1	0.00246	ND
Guaial	1	0.00246	ND
Isoborneol	1	0.00246	ND
Isopulegol	1	0.00246	ND
Linalool	1	0.00246	ND
Menthol	1	0.00246	ND
Nerol	1	0.00246	ND
p-Cymene	1	0.00246	ND
Pulegone	1	0.00246	ND
Sabinene	1	0.00246	ND
Sabinene hydrate	1	0.00246	ND
Terpinolene	1	0.00246	ND
Valencene	1	0.00246	ND
Z-Nerolidol	1	0.00246	ND
Total Terpenes		0.000	0.00 mg/Unit

Terpene results are provided for informational purposes only. LOD = Limit of Detection; ND = Not Detected. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

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QUANTITY BY INPUT

Product Name:	Green Roads Kavaton Gummies Tahitian Berry Twist
Manufacturing Lot Number:	240293
Manufacturing Date:	06/12/2024

Batch Record Review	
Ingredient:	Kavaton™ (<i>Piper methysticum</i>) (10:1)
Ingredient Lot:	NNPME8-510FP-8690
Ingredient Expiration Date:	04/30/2026
Calculations:	$\frac{3490 \text{ g of material}}{160000.00 \text{ g total in batch}} \times \frac{5.5 \text{ g per}}{\text{servings}} \times \frac{1000 \text{ mg}}{1 \text{ g}} = [119.97 \text{ mg/serving}]$ $\text{if (10:1)} \rightarrow [119.97 \text{ mg/serving}] \times [10:1] = 1200 \text{ mg/serving}$
Label Claim:	1200 mg
Calculated Input from Batch Record:	1200 mg

The information provided in this review is verified based on the review of the products' batch records, product specification and raw material vendor Certificate of Analysis.

Results Review/ Approval By:			
Quantity By Input Analysis Performed By: <i>Print and sign</i>	<i>Eugene Choi</i>	Date:	06/19/2024
Reviewed by QC: <i>Print and sign</i>	<i>Dave DiFabb</i>	Date:	06/19/2024
Approved by QA: <i>Print and sign</i>	<i>Luisa Castro</i>	Date:	06/19/2024