# **Certificate of Analysis**

T5C0582

<b>Global Widget</b> Client Lic#: 8419 Sunstate St. Tampa, FL 33634 Eugene Choi - Global Widget Tampa		KRA				
Compliance for Retail:	PASS			e in		
Green Roads Kratom Gummies Zen Berry Blee P250141, P250142	nd PKG		Total Sample Received Total Units Received	•	Date Sampled: Date Received:	03/20/2025 03/20/2025
Sample ID: T5C0582-01 CCB ID:MFG 250096 Matrix: Edibles			Unit Weight: 150g	]	Date Reported:	03/27/2025
Fore	-	Heavy Metals	Microbials	Moisture	Mycotoxins	

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

## **Alkaloids (Kratom Potency)**

Prep Mehtod: SOP 1363	Batch	Instrument	Analyzed	Analyst	Extracted	ExtractedBy	Specimen Wt. (g)	Analysis SOP
Alkaloid (HPLC)	2512129	HPLC	3/21/2025 12:54:18PM	5047	3/21/2025 9:23:00AM	4599	4.75	SOP1350

Analyte	Dilution	LOD	Results	mg/Piece	mg/Unit	
		%	%	mg	mg	
Speciociliatine	10	0.0105	0.0388	1.95	58.5	
Mitragynine	100	0.105	0.660	33.0	990	
Speciogynine	10	0.0105	0.0532	2.65	79.5	
Paynantheine	10	0.0105	0.0621	3.10	93.0	
Mitraphylline	10	0.0105	ND	ND	ND	
Andrographolide	10	0.0105	ND	ND	ND	
7-Hydroxymitragynine	10	0.0105	ND	ND	ND	
Total Alkaloids			0.814			

Alkaloid 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.

**TL** Laboratories

10350 Fisher Ave, Tampa, Florida 33619 813-726-3103 / www.terplifelabs.com

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Brian C. Spann Laboratory Director

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1 of 4

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

Eugene Choi - Global Widget Tampa

Compliance for Retail:

PASS

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compliance for	netan.	1,435										
Green Roads Kratom Gu P250141, P250142 Sample ID: T5C0582-01 CCB					То	tal Sample Received: 175g Total Units Received: 2 Unit Weight: 150g		D	Date Sar ate Rec Date Rep	eived:	03/20/2 03/20/2 03/27/2	2025
Matrix: Edibles												
Pesticides											Pa	ass
Prep Mehtod: SOP 1363	Batch	Instrument		Analyzed		nalyst Prepped	Prepped E	ly Spe	ecimen Wt. (g	j) Ana	alysis SOP	
Pesticide LCQQQ	2512126	LCMSMS		3/22/2025 6:		670 3/21/2025 9:12:00AM	4599		4.76		SOP1350	
Analyte	DIL		LOD	Results		Analyte	DIL	Action Limi	LOD	Results	Status	•
<b>A 1</b>		ppb	ppb	ppb				ppb	ppb	ppb	_	
Abamectin		50 300	30.0	ND		Imazalil	50	100	10.0	ND	Pass	
Acephate		50 3000	300	ND		Imidacloprid	50	3000	300	ND	Pass	
Acequinocyl		50 2000	200	ND		Kresoxim-methyl	50	1000	100	ND	Pass	
Acetamiprid		50 3000	300	ND		Malathion	50	2000	200	ND	Pass	
Aldicarb		50 100	10.0	ND		Metalaxyl	50	3000	300	ND	Pass	
Azoxystrobin		50 3000	300	ND		Methiocarb	50	100	10.0	ND	Pass	
Bifenazate		50 3000	300	ND		Methomyl	50	100	10.0	ND	Pass	
Bifenthrin		50 500	50.0	ND	Pass	Mevinphos	50	100	10.0	ND	Pass	
Boscalid		50 3000	300	ND	Pass	Myclobutanil	50	3000	300	ND	Pass	
Carbaryl		50 500	50.0	ND	Pass	Naled	50	500	50.0	ND	Pass	
Carbofuran		50 100	10.0	ND	Pass	Oxamyl	50	500	50.0	ND	Pass	
Chlorantraniliprole		50 3000	300	ND	Pass	Paclobutrazol	50	100	10.0	ND	Pass	
Chlormequat Chloride	•	50 3000	300	ND	Pass	Permethrin	50	1000	100	ND	Pass	
Chlorpyrifos		50 100	10.0	ND	Pass	Phosmet	50	200	20.0	ND	Pass	
Clofentezine		50 500	50.0	ND	Pass	Piperonyl butoxide	50	3000	300	ND	Pass	
Coumaphos		50 100	10.0	ND	Pass	Prallethrin	50	400	40.0	ND	Pass	
Cyfluthrin		50 1000	100	ND	Pass	Propiconazole	50	1000	100	ND	Pass	
Cypermethrin		50 1000	100	ND	Pass	Propoxur	50	100	10.0	ND	Pass	
Daminozide		50 100	10.0	ND	Pass	Pyrethrins	50	1000	100	ND	Pass	
Diazinon		50 200	20.0	ND		Pyridaben	50	3000	300	ND	Pass	
Dichlorvos		50 100	10.0	ND		Spinetoram, total	50	3000	300	ND	Pass	
Dimethoate		50 100	10.0	ND		Spinosad, total	50	3000	300	ND	Pass	
Dimethomorph		50 3000	300	ND		Spiromesifen	50	3000	300	ND	Pass	
Ethoprophos		50 100	10.0	ND		Spirotetramat	50	3000	300	ND	Pass	
Etofenprox		50 100	10.0	ND		Spiroxamine	50	100	10.0	ND	Pass	
Etoxazole		50 1500	150	ND	Pass	Tebuconazole	50	1000	100	ND	Pass	
Fenhexamid		50 3000	300	ND		Thiacloprid	50	100	10.0	ND	Pass	
			500	110	- 455		00	100	10.0		- 455	

LOD = Limit of Detection; ND = Not Detected

Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. \*- GCMSMS Pesticides

50

50

50

50

50

50

100

2000

100

2000

3000

2000

10.0

200

10.0

200

300

200

ND

ND

ND

ND

ND

ND

Pass

Pass

Pass

Pass

Pass

Pass

Thiamethoxam

Trifloxystrobin

50

50

1000

3000

100

300

ND

ND

Pass

Pass

Fenoxycarb

Flonicamid

Fludioxonil

Hexythiazox

Fipronil

Fenpyroximate

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2 of 4

# **Certificate of Analysis**

T5C0582

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

Eugene Choi - Global Widget Tampa

#### Compliance for Retail: PASS

Green Roads Kratom Gummies Zen Berry Blend PKG P250141, P250142

Sample ID: T5C0582-01 CCB ID:MFG 250096 Matrix: Edibles

## Mycotoxins

Date Prepared: 03/21/2025 09:12 Prepped By: 4599 Specimen Wt: 4.76 g Instrument: LCMSMS Date Analyzed: 03/21/2025 18:42 Analyzed By: 2670 Lab Batch: 2512126 Pren Method: SOP 1363 Analysis Method: SOP 1350

Lab Daton. 2012120	The method. Our Tobo Analysis method. Our Tobo					
Analyte	DIL	Action Limit	LOD	Results	Status	
		ppb	ppb	ppb		
Aflatoxin B1	50	20.0	2	ND	Pass	
Aflatoxin B2	50	20.0	2	ND	Pass	
Aflatoxin G1	50	20.0	2	ND	Pass	
Aflatoxin G2	50	20.0	2	ND	Pass	
Ochratoxin A	50	20.0	2	ND	Pass	

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X green roads		
	1017-174	
KRATOM EXTRACT NITRACULIUS COMMUNE Barrier Internet Inter		
	KRATOM EXTRACT	

Pass

Pass

Total Sample Received: 175g	Date Sampled:	03/20/2025
Total Units Received: 2	Date Received:	03/20/2025
Unit Weight: 150g	Date Reported:	03/27/2025

<b>Microbials</b> Date Prepared: 03/21/2025 14:24 Date Analyzed: 03/21/2025 16:09 Lab Batch: 2512150	Prep ID: 1093 Analyst ID: 1093		Instrur	nen Wt: 1.00 g nent: qPCR sis Method: SOP1353/1364/1352	Pass
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
Staphylococcus Aureus		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
Pseudomonas Aerugino	sa	1	1	Absent in 1 gram	Pass
Total Yeast and Mold	1	00000	10000	ND	Pass
Standard Plate Count	1	00000	10000	ND	Pass

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

## **Foreign Materials**

Date Prepared: 03/21/2025 14:08 Date Analyzed: 03/21/2025 21:39 Prep ID: 3780 Instrument: Visual Inspection Analyst ID: 3780

Lab Batch: 2512139	Analysis Method: SOP1359						
Analyte	Action Limit (% by wt)	Results	Status				
Foreign Material	1.00	ND	Pass				
Feces	0.500	ND	Pass				
ND = Not Detected.							

Pass

3 of 4

Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

## Water Activity

Pass Date Prepared: 03/21/2025 14:11 Date Analyzed: 03/21/2025 14:11 Prep ID: 3780 Specimen Wt: 4.92 g Instrument: Water Activity Meter Analyst ID: 3780

Analysis Method: SOP1355 Lab Batch: 2512139 Action Limit Status

Analyte Result aW aW Water Activity 0.85 0.38 Pass

ND = Not Detected. Unless otherwise stated all quality control samples performed within specifications established by the I.aboratory

## **Heavy Metals** Date Prepared: 03/20/2025 14:54

Prepped By: 1094 Specimen Wt: 0.68 g

Date Analyzed: 03/21/2025 18:04 Lab Batch: 2512122	Analyzed	Analyzed By: 1094 Instrument: ICPMS Prep Method: SOP 1362 Analysis Method: SOP1358				
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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Eugene Choi - Global Widget Tampa

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Green R P250141 Sample ID Matrix: Ed

## Pasidual Solvante



mpliance for Retail: PASS	and the second se		
Roads Kratom Gummies Zen Berry Blend PKG	Total Sample Received: 175g	Date Sampled:	03/20/2025
41, P250142	Total Units Received: 2	Date Received:	03/20/2025
ID: T5C0582-01 CCB ID:MFG 250096	Unit Weight: 150g	Date Reported:	03/27/2025

Residual Solvents						
Date Prepared: 03/21/2025 16:00 Date Analyzed: 03/22/2025 00:04 Lab Batch: 2512149	Prep ID: 2447 Analyst ID: 2447		Specimen Wt: 0.05 g Instrument: GCMSMS Headspace Analysis Method: SOP1361			
Analyte	DIL	Action Limit	LOD	Results	Status	
		ppm	ppm	ppm		
1,1-Dichloroethene	1	8.00	0.800	ND	Pass	
1,2-Dichloroethane	1	2.00	0.200	ND	Pass	
Acetone	1	750	75.0	ND	Pass	
Acetonitrile	1	60.0	6.00	ND	Pass	
Benzene	1	1.00	0.100	ND	Pass	
Butane	1	5000	500	ND	Pass	
Chloroform	1	2.00	0.200	ND	Pass	
Ethanol	1	5000	500	ND	Pass	
Ethyl acetate	1	400	40.0	ND	Pass	
Ethyl ether	1	500	50.0	ND	Pass	
Ethylene oxide	1	5.00	0.500	ND	Pass	
Heptane	1	5000	500	ND	Pass	
Hexane	1	250	25.0	ND	Pass	
Isopropyl alcohol	1	500	50.0	ND	Pass	
Methanol	1	250	25.0	29.7	Pass	
Methylene chloride	1	125	12.5	ND	Pass	
Pentane	1	750	75.0	ND	Pass	
Propane	1	5000	500	ND	Pass	
Toluene	1	150	15.0	ND	Pass	
Xylenes, total	1	150	15.0	ND	Pass	
Trichloroethylene	1	25.0	2.50	ND	Pass	

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4 of 4