Certificate of Analysis

T5F0580

Global Widget

Client Lic#:

8419 Sunstate St. Tampa, FL 33634

Eugene Choi - Global Widget Tampa

Compliance for Retail:

PASS

Mystic Labs Kratom Gummies Twisted Lime PKG P250340, P250341

Sample ID: T5F0580-01 CCB ID:MFG 250232 Matrix: Edibles

Total Sample Received: 175g Total Units Received: 2 Unit Weight: 150g Date Sampled: Date Received:

Date Reported:

06/23/2025 06/23/2025 06/26/2025

Foreign Materials PASS Heavy Metals
PASS

Microbials
PASS

Moisture Content NOT TESTED Mycotoxins

PASS

Pesticides

PASS

Residual Solvents PASS Terpenes

NOT TESTED

Water Activity PASS Vitamins Supplements NOT TESTED

Alkaloids (Kratom Potency)

Prep Mehtod: SOP 1363	Batch	Instrument	Analyzed	Analyst	Extracted	ExtractedBy	Specimen Wt. (g)	Analysis SOP
Alkaloid (HPLC)	2526042	HPI C	6/24/2025 2:40:05PM	5047	6/24/2025 10:07:00AM	4599	4.99	SOP1350

Analyte	Dilution	LOD	Results	mg/Piece	mg/Unit	
		%	%	mg	mg	
Speciociliatine	10	0.0100	0.0255	1.30	39.0	
Mitragynine	100	0.100	0.802	40.1	1,203	
Speciogynine	10	0.0100	0.0544	2.70	81.0	
Paynantheine	10	0.0100	0.0637	3.20	96.0	
Mitraphylline	10	0.0100	ND	ND	ND	
Andrographolide	10	0.0100	ND	ND	ND	
7-Hydroxymitragynine	10	0.0100	ND	ND	ND	
Arecoline (Hydrobromide)	10	0.0100	ND	ND	ND	
Total Alkaloids			0.946			

Alkaloid results are provided for informational purposes only. LOD = Limit of Detection; ND = Not Detected.

LOD – Limit of Detection, ND – Not Detected.

Unless otherwise stated all quality control samples performed within specifications established by the Laborator,

TL Laboratories

10350 Fisher Ave, Tampa, Florida 33619 813-726-3103 / www.terplifelabs.com Brian C. Spann
Laboratory Director



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Date Sampled: Date Received: 06/23/2025 06/23/2025 06/26/2025

Date Reported:

Pesticides												Pa
Prep Mehtod: SOP 1363	Batch		Instrument		Analyzed		Analyst Prepped	Prepped	i By Spe	ecimen Wt. (g	g) Ana	alysis SOP
Pesticide LCQQQ	2526031		LCMSMS		6/25/2025 4:3		2670 6/24/2025 9:11:00A			4.99		SOP1350
Analyte	DI	L_	Action Limit	LOD	Results	Status	Analyte	DIL	Action Limi	LOD	Results	Status
			ppb	ppb	ppb	_			ppb	ppb	ppb	_
Abamectin		50	300	30.0	ND	Pass	Imazalil	50	100	10.0	ND	Pass
Acephate		50	3000	300	ND	Pass	Imidacloprid	50	3000	300	ND	Pass
Acequinocyl		50	2000	200	ND	Pass	Kresoxim-methyl	50	1000	100	ND	Pass
Acetamiprid		50	3000	300	ND	Pass	Malathion	50	2000	200	ND	Pass
Aldicarb		50	100	10.0	ND	Pass	Metalaxyl	50	3000	300	ND	Pass
Azoxystrobin		50	3000	300	ND	Pass	Methiocarb	50	100	10.0	ND	Pass
Bifenazate		50	3000	300	ND	Pass	Methomyl	50	100	10.0	ND	Pass
Bifenthrin		50	500	50.0	ND	Pass		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	е	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	Pass	Pyridaben	50	3000	300	ND	Pass
Dichlorvos		50	100	10.0	ND	Pass	Spinetoram, total	50	3000	300	ND	Pass
Dimethoate		50	100	10.0	ND	Pass	Spinosad, total	50	3000	300	ND	Pass
Dimethomorph		50	3000	300	ND	Pass	Spiromesifen	50	3000	300	ND	Pass
Ethoprophos		50	100	10.0	ND	Pass	Spirotetramat	50	3000	300	ND	Pass
Etofenprox		50	100	10.0	ND	Pass	Spiroxamine	50	100	10.0	ND	Pass
Etoxazole		50	1500	150	ND	Pass	Tebuconazole	50	1000	100	ND	Pass
Fenhexamid		50	3000	300	ND	Pass	Thiacloprid	50	100	10.0	ND	Pass
Fenoxycarb		50	100	10.0	ND	Pass	Thiamethoxam	50	1000	100	ND	Pass
Fenpyroximate		50	2000	200	ND	Pass	Trifloxystrobin	50	3000	300	ND	Pass
Fipronil		50	100	10.0	ND	Pass						
Flonicamid		50	2000	200	ND	Pass						
Fludioxonil		50	3000	300	ND	Pass						
Hexythiazox		50	2000	200	ND	Pass						

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*- GCMSMS Pesticides

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Compliance for Retail: **PASS**

Mystic Labs Kratom Gummies Twisted Lime PKG P250340, P250341

Sample ID: T5F0580-01 CCB ID:MFG 250232

Matrix: Edible:



Total Sample Received: 175g Total Units Received: 2 Unit Weight: 150g

06/23/2025 Date Sampled: Date Received: Date Reported:

06/23/2025 06/26/2025

Pass

Mycotoxins			Pass
Date Prepared: 06/24/2025 09:11	Prepped By: 4599	Specimen Wt: 4.99 g	
Date Analyzed: 06/25/2025 04:33	Analyzed By: 2670	Instrument: LCMSMS	

Lab Batch: 2526031 Prep Method: SOP 1363 Analysis Method: SOP 1350

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

LOD = Limit of Detection: ND = Not Detected.

se stated all quality control samples performed within specifications established by the Laboratory

Microbials			Pass
Date Prepared: 06/24/2025 09:48 Date Analyzed: 06/26/2025 09:00	Prep ID: 10198 Analyst ID: 10198	Specimen Wt: 1.00 g Instrument: qPCR	
Lab Batch: 2526039		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
Bile Tolerant Gram Negative bacte	ria 1000	1	ND	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 Aeruginosa	1	1	Absent in 1 gram	Pass
Total Yeast and Mold	100000	10000	ND	Pass
Standard Plate Count	100000	10000	<lod< td=""><td>Pass</td></lod<>	Pass

LOD = Limit of Detection; ND = Not Detected.
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Foreign Materials

Instrument: Visual Inspection

Analysis Method: SOP1355

Date Prepared: 06/23/2025 17:05 Date Analyzed: 06/23/2025 17:35 Prep ID: 1150 Analyst ID: 3780 Lab Batch: 2526029 Analysis Method: SOP1359

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

ND = Not Detected

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

	w
	VV
	Da
Pass	Da
Pass	La
Pass	Ar
Pass	

Pass

Status

Total LOD = Limit of Detection; ND = Not Detected.

Heavy Metals

Lab Batch: 2526082

Analyte

Arsenic

Mercury

Lead

Cadmium

Date Prepared: 06/25/2025 12:10

Date Analyzed: 06/26/2025 16:11

all quality control samples performed within specifications established by the Laboratory

Action Limit

ppb

1500

500

500

3000

Prepped By: 1094

Analyzed By: 1094

1

1

DIL

Specimen Wt: 0.57 g

Prep Method: SOP 1362 Analysis Method: SOP1358

LOD

ppb

150

50.0

50.0

300

Results

ppb

ND

ND

ND

ND

0.00

Instrument: ICPMS

Vater Activity **Pass** ate Prepared: 06/23/2025 17:23 ate Analyzed: 06/23/2025 17:23 Specimen Wt: 1.31 g Instrument: Water Activity Meter Prep ID: 1150 Analyst ID: 3780

ab Batch: 2526029 Status nalyte Action Limit Result Water Activity 0.85 **Pass**

ND = Not Detected

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Matrix: Edibles

Total Sample Received: 175g Total Units Received: 2 Unit Weight: 150g

Pass

Date Sampled: Date Received:

Date Reported:

06/23/2025 06/23/2025 06/26/2025

Residual Solvents

Date Prepared: 06/24/2025 15:30 Date Analyzed: 06/25/2025 11:01 Lab Batch: 2526049

Prep ID: 2447 Analyst ID: 2447 Specimen Wt: 0.05 g Instrument: GCMSMS Headspace Analysis Method: SOP1361

Edb Baton: 2020010			randiyolo modilod: 001	1001	
Analyte	DIL	Action Limit	LOD	Results	Status
		ppm	ppm	ppm	
1,1-Dichloroethene	1	8.00	0.800	ND	Pass
1,2-Dichloroethane	1	5.00	0.500	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	ND	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
LOD = Limit of Detection; ND = No	ot Detected.				

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