

## Global Widget

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

Eugene Choi - Global Widget Tampa



Compliance for Retail: **PASS**

**Mystic Labs Kratom Gummies Yuzu Lemonade PKG**  
**P250143**  
Sample ID: T5C0583-01 CCB ID:MFG 240621  
Matrix: Edibles

Total Sample Received: 50g  
Total Units Received: 2  
Unit Weight: 25g

Date Sampled: 03/20/2025  
Date Received: 03/20/2025  
Date Reported: 03/27/2025

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

### Alkaloids (Kratom Potency)

Prep Method: SOP 1363	Batch	Instrument	Analyzed	Analyst	Extracted	Extracted By	Specimen Wt. (g)	Analysis SOP
Alkaloid (HPLC)	2512129	HPLC	3/21/2025 1:37:36PM	5047	3/21/2025 9:23:00AM	4599	4.43	SOP1350

Analyte	Dilution	LOD	Results	mg/Piece	mg/Unit
		%	%	mg	mg
Speciociliatine	10	0.0113	0.0182	0.90	4.50
Mitragynine	100	0.113	0.764	38.2	191
Speciogynine	10	0.0113	0.0500	2.50	12.5
Paynantheine	10	0.0113	0.0599	3.00	15.0
Mitraphylline	10	0.0113	ND	ND	ND
Andrographolide	10	0.0113	ND	ND	ND
7-Hydroxymitragynine	10	0.0113	ND	ND	ND
<b>Total Alkaloids</b>			<b>0.892</b>		

Alkaloid results are provided for informational purposes only.  
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TL Laboratories

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Brian C. Spann  
Laboratory Director



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Prep Method: SOP 1363	Batch	Instrument	Analyzed	Analyst	Prepped	Prepped By	Specimen Wt. (g)	Analysis SOP			
Pesticide LCQQQ	2512126	LC/MS/MS	3/22/2025 6:58:47PM	2670	3/21/2025 9:12:00AM	4599	4.99	SOP1350			
Analyte	DIL	Action Limit	LOD	Results	Status	Analyte	DIL	Action Limi	LOD	Results	Status
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	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
Chloromequat 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	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
Fenoxy carb	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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\* - GC/MS/MS Pesticides

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## Mycotoxins

Date Prepared: 03/21/2025 09:12 Prepped By: 4599 Specimen Wt: 4.99 g  
Date Analyzed: 03/21/2025 18:55 Analyzed By: 2670 Instrument: LCMSMS

Lab Batch: 2512126 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

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## Microbials

Date Prepared: 03/21/2025 14:24 Prep ID: 1093  
Date Analyzed: 03/21/2025 16:09 Analyst ID: 1093

Lab Batch: 2512150

Specimen Wt: 1.00 g

Instrument: qPCR

Analysis 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 Aeruginosa	1	1	Absent in 1 gram	Pass
Total Yeast and Mold	100000	10000	ND	Pass
Standard Plate Count	100000	10000	<LOD	Pass

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## Foreign Materials

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

Lab Batch: 2512139

Analysis Method: SOP1359

**Pass**

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: 03/20/2025 14:54 Prepped By: 1094 Specimen Wt: 0.69 g  
Date Analyzed: 03/21/2025 18:08 Analyzed By: 1094 Instrument: ICPMS  
Lab Batch: 2512122 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
<b>Total</b>			0.00		

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## Water Activity

Date Prepared: 03/21/2025 14:15 Prep ID: 3780 Specimen Wt: 4.21 g  
Date Analyzed: 03/21/2025 14:15 Analyst ID: 3780 Instrument: Water Activity Meter

Lab Batch: 2512139

Analysis Method: SOP1355

**Pass**

Analyte	Action Limit	Result	Status
Water Activity	aW 0.85	aW 0.38	Pass

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## Residual Solvents

**Pass**

Date Prepared: 03/21/2025 16:00 Prep ID: 2447  
Date Analyzed: 03/21/2025 21:54 Analyst ID: 2447  
Lab Batch: 2512149

Specimen Wt: 0.05 g  
Instrument: GCMSMS Headspace  
Analysis Method: SOP1361

Analyte	DIL	Action Limit	LOD	Results	Status
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	33.7	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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