

Global Widget

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

Eugene Choi - Global Widget Tampa

Compliance for Retail: PASS



Mystic Labs Kratom Gummies Blood Orange PKG P240596, P240599	Total Sample Received: 25g	Date Sampled:	09/10/2024
Sample ID: T409148-01 CCB ID:MFG 240473	Total Units Received: 1	Date Received:	09/10/2024
Matrix: Edibles	Unit Weight: 25g	Date Reported:	09/12/2024

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


Alkaloids (Kratom Potency)

Prep Method: SOP 1363	Batch	Instrument	Analyzed	Analyst	Extracted	ExtractedBy	Specimen Wt. (g)	Analysis SOP
Alkaloid (HPLC)	2437052	HPLC	9/12/2024 10:34:06AM	5047	9/11/2024 8:27:00AM	6555	0.53	SOP1350

Analyte	Dilution	LOD	Results	mg/Piece	mg/Unit
		%	%	mg	mg
Mitragynine	10	0.00952	0.766	38.3	192
Paynantheine	10	0.00952	0.0223	1.10	5.50
Speciogynine	1	0.000952	0.0131	0.65	3.25
Speciociliatine	1	0.000952	0.00542	0.25	1.25
Mitraphylline	1	0.000952	ND	ND	ND
Andrographolide	1	0.000952	ND	ND	ND
7-Hydroxymitragynine	1	0.000952	ND	ND	ND
Total Alkaloids			0.807		

Alkaloid results are provided for informational purposes only.  
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Brian C. Spann  
Laboratory Director



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Matrix: Edibles

Pesticides

**Pass**

Prep Method: SOP 1363	Batch	Instrument	Analyzed	Analyst	Prepped	Prepped By	Specimen Wt. (g)	Analysis SOP			
Pesticide LC/QC/QQ	2437044	LCMSMS	9/11/2024 7:44:27PM	2670-0754	9/11/2024 8:50:00AM	6555	1.02	SOP1350			
Analyte	DIL	Action Limit	LOD	Results	Status	Analyte	DIL	Action Limit	LOD	Results	Status
		ppb	ppb	ppb				ppb	ppb	ppb	
Abamectin	50	300	30	ND	Pass	Imidacloprid	50	3000	300	ND	Pass
Acephate	50	3000	300	ND	Pass	Kresoxim-methyl	50	1000	100	ND	Pass
Acequinocyl	50	2000	200	ND	Pass	Malathion	50	2000	200	ND	Pass
Acetamiprid	50	3000	300	ND	Pass	Metalaxyl	50	3000	300	ND	Pass
Aldicarb	50	100	10	ND	Pass	Methiocarb	50	100	10	ND	Pass
Azoxystrobin	50	3000	300	ND	Pass	Methomyl	50	100	10	ND	Pass
Bifenazate	50	3000	300	ND	Pass	Mevinphos	50	100	10	ND	Pass
Bifenthrin	50	500	50	ND	Pass	Myclobutanil	50	3000	300	ND	Pass
Boscalid	50	3000	300	ND	Pass	Naled	50	500	50	ND	Pass
Carbaryl	50	500	50	ND	Pass	Oxamyl	50	500	50	ND	Pass
Carbofuran	50	100	10	ND	Pass	Paclobutrazol	50	100	10	ND	Pass
Chlorantraniliprole	50	3000	300	ND	Pass	Permethrin	50	1000	100	ND	Pass
Chloromequat Chloride	50	3000	300	ND	Pass	Phosmet	50	200	20	ND	Pass
Chlorpyrifos	50	100	10	ND	Pass	Piperonyl butoxide	50	3000	300	ND	Pass
Clofentezine	50	500	50	ND	Pass	Prallethrin	50	400	40	ND	Pass
Coumaphos	50	100	10	ND	Pass	Propiconazole	50	1000	100	ND	Pass
Cyfluthrin	50	1000	100	ND	Pass	Propoxur	50	100	10	ND	Pass
Cypermethrin	50	1000	100	ND	Pass	Pyrethrins	50	1000	100	ND	Pass
Daminozide	50	100	10	ND	Pass	Pyridaben	50	3000	300	ND	Pass
Diazinon	50	200	20	ND	Pass	Spinetoram, total	50	3000	300	ND	Pass
Dichlorvos	50	100	10	ND	Pass	Spinosad, total	50	3000	300	ND	Pass
Dimethoate	50	100	10	ND	Pass	Spiromesifen	50	3000	300	ND	Pass
Dimethomorph	50	3000	300	ND	Pass	Spirotetramat	50	3000	300	ND	Pass
Ethoprophos	50	100	10	ND	Pass	Spiroxamine	50	100	10	ND	Pass
Etofenprox	50	100	10	ND	Pass	Tebuconazole	50	1000	100	ND	Pass
Etoxazole	50	1500	150	ND	Pass	Thiacloprid	50	100	10	ND	Pass
Fenhexamid	50	3000	300	ND	Pass	Thiamethoxam	50	1000	100	ND	Pass
Fenoxycarb	50	100	10	ND	Pass	Trifloxystrobin	50	3000	300	ND	Pass
Fenpyroximate	50	2000	200	ND	Pass						
Fipronil	50	100	10	ND	Pass						
Flonicamid	50	2000	200	ND	Pass						
Fludioxonil	50	3000	300	ND	Pass						
Hexythiazox	50	2000	200	ND	Pass						
Imazalil	50	100	10	ND	Pass						

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\* - GCMSMS Pesticides

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Brian C. Spann  
Laboratory Director



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Compliance for Retail: **PASS**Mystic Labs Kratom Gummies Blood Orange PKG P240596,  
P240599Sample ID: T409148-01 CCB ID:MFG 240473  
Matrix: Edibles

Total Sample Received: 25g

Total Units Received: 1

Unit Weight: 25g

Date Sampled: 09/10/2024

Date Received: 09/10/2024

Date Reported: 09/12/2024

## Mycotoxins

**Pass**Date Prepared: 09/11/2024 08:50 Prepped By: 6555 Specimen Wt: 1.02 g  
Date Analyzed: 09/11/2024 19:44 Analyzed By: 2670-0754 Instrument: LCMSMS

Lab Batch: 2437044

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

**Pass**Date Prepared: 09/10/2024 14:19 Prep ID: 1093 Specimen Wt: 1.00 g  
Date Analyzed: 09/11/2024 16:01 Analyst ID: 1093 Instrument: qPCR

Lab Batch: 2437049

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: 09/10/2024 13:41 Prep ID: 3780 Instrument: Visual Inspection  
Date Analyzed: 09/10/2024 15:12 Analyst ID: 3780

Lab Batch: 2437032

Analysis Method: SOP1359

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: 09/11/2024 15:20 Prepped By: 6814 Specimen Wt: 0.55 g  
Date Analyzed: 09/11/2024 18:19 Analyzed By: 6814 Instrument: ICPMS  
Lab Batch: 2437035 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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## Water Activity

**Pass**Date Prepared: 09/10/2024 13:55 Prep ID: 3780 Specimen Wt: 2.32 g  
Date Analyzed: 09/10/2024 13:55 Analyst ID: 3780 Instrument: Water Activity Meter

Lab Batch: 2437032

Analysis Method: SOP1355

Analyte	Action Limit	Result	Status
	aW	aW	
Water Activity	0.85	0.51	Pass

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Residual Solvents Pass Terpenes Summary

Date Prepared: 09/11/2024 10:48 Date Analyzed: 09/11/2024 21:19 Lab Batch: 2437031			Prep ID: 2447 Analyst ID: 2447			Specimen Wt: 0.05 g Instrument: GCMSMS Headspace Analysis Method: SOP1361			Date Prepared: 09/11/2024 08:01 Date Analyzed: 09/12/2024 14:30 Lab Batch: 2437046			Prep ID: 6555 Analyzed ID: 2447			Specimen Wt: 5.06 g Instrument: GCMS Prep/Analysis Method: SOP1360		
Analyte	DIL	Action Limit	LOD	Results	Status	Analyte	Dilution	LOD	Results								
		ppm	ppm	ppm				%	%								
1,1-Dichloroethene	1	8.00	0.800	ND	Pass	D-Limonene	1	0.00247	0.145								
1,2-Dichloroethane	1	2.00	0.200	ND	Pass	3-Carene (+)-	1	0.00247	ND								
Acetone	1	750	75.0	ND	Pass	alpha Bisabolol, L	1	0.00247	ND								
Acetonitrile	1	60.0	6.00	ND	Pass	alpha-Cedrene	1	0.00247	ND								
Benzene	1	1.00	0.100	ND	Pass	alpha-Fenchyl alcohol, (+)-	1	0.00247	ND								
Butane	1	5000	500	ND	Pass	alpha-Humulene	1	0.00247	ND								
Chloroform	1	2.00	0.200	ND	Pass	alpha-Phellandrene	1	0.00247	ND								
Ethanol	1	5000	500	ND	Pass	alpha-Pinene	1	0.00247	ND								
Ethyl acetate	1	400	40.0	ND	Pass	alpha-Terpinene	1	0.00247	ND								
Ethyl ether	1	500	50.0	ND	Pass	alpha-Terpineol	1	0.00247	ND								
Ethylene oxide	1	5.00	0.500	ND	Pass	beta-Myrcene	1	0.00247	ND								
Heptane	1	5000	500	ND	Pass	beta-Ocimene	1	0.00247	ND								
Hexane	1	250	25.0	ND	Pass	beta-Pinene	1	0.00247	ND								
Isopropyl alcohol	1	500	50.0	ND	Pass	Borneol	1	0.00247	ND								
Methanol	1	250	25.0	ND	Pass	Camphene	1	0.00247	ND								
Methylene chloride	1	125	12.5	ND	Pass	Camphor	1	0.00247	ND								
Pentane	1	750	75.0	ND	Pass	Caryophyllene Oxide	1	0.00247	ND								
Propane	1	5000	500	ND	Pass	Cedrol	1	0.00247	ND								
Toluene	1	150	15.0	ND	Pass	E-Caryophyllene	1	0.00247	ND								
Xylenes, total	1	150	15.0	ND	Pass	E-Nerolidol	1	0.00247	ND								
Trichloroethylene	1	25.0	2.50	ND	Pass	Eucalyptol	1	0.00247	ND								
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						gamma-Terpinene	1	0.00247	ND								
						Geraniol	1	0.00247	ND								
						Geranyl Acetate	1	0.00247	ND								
						Guaial	1	0.00247	ND								
						Isoborneol	1	0.00247	ND								
						Isopulegol	1	0.00247	ND								
						Linalool	1	0.00247	ND								
						Menthol	1	0.00247	ND								
						Nerol	1	0.00247	ND								
						p-Cymene	1	0.00247	ND								
						Pulegone	1	0.00247	ND								
						Sabinene	1	0.00247	ND								
						Sabinene hydrate	1	0.00247	ND								
						Terpinolene	1	0.00247	ND								
						Valencene	1	0.00247	ND								
						Z-Nerolidol	1	0.00247	ND								
						Total Terpenes			0.145	36.25 mg/Unit							

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