

Global Widget

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

Eugene Choi - Global Widget Tampa



Compliance for Retail: **PASS**

Mystic Labs Kratom Gummies Mixed Berry Magic PKG
P240462
Sample ID: T407517-01 CCB ID:MFG 240387
Matrix: Edibles

Total Sample Received: 75g
Total Units Received: 3
Unit Weight: 25g

Date Sampled: 07/29/2024
Date Received: 07/29/2024
Date Reported: 07/31/2024

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	Analized	Analyst	Extracted	ExtractedBy	Specimen Wt. (g)	Analysis SOP
Alkaloid (HPLC)	2431028	HPLC	7/31/2024 10:59:21AM	5047	7/30/2024 11:21:00AM	4599	0.52	SOP1350

Analyte	Dilution	LOD	Results	mg/Piece	mg/Unit
		%	%	mg	mg
Mitragynine	10	0.0100	0.677	33.9	169
Paynantheine	10	0.0100	0.0675	3.40	17.0
Speciogynine	10	0.0100	0.0467	2.35	11.8
Speciociliatine	10	0.0100	0.0421	2.10	10.5
Mitraphylline	1	0.0100	ND	ND	ND
Andrographolide	1	0.0100	ND	ND	ND
7-Hydroxymitragynine	1	0.0100	ND	ND	ND
Total Alkaloids			0.833		

Alkaloid results are provided for informational purposes only.
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TL Laboratories

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

Brian C. Spann
Laboratory Director



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Pesticides

Pass

Prep Method: SOP 1363	Batch	Instrument	Analyzed	Analyst	Prepped	Prepped By	Specimen Wt. (g)	Analysis SOP
Pesticide LCQQQ	2431021	LCMSMS	7/31/2024 3:23:44AM	2670-0754	7/30/2024 9:16:00AM	4599	1.01	SOP1350

Analyte	DIL	Action Limit	LOD	Results	Status	Analyte	DIL	Action Limit	LOD	Results	Status
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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Mycotoxins

PassDate Prepared: 07/30/2024 09:16 Prepped By: 4599 Specimen Wt: 1.01 g
Date Analyzed: 07/30/2024 20:09 Analyzed By: 2670-0754 Instrument: LCMSMS

Lab Batch: 2431021

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

PassDate Prepared: 07/30/2024 11:20 Prep ID: 6814 Specimen Wt: 1.00 g
Date Analyzed: 07/31/2024 15:29 Analyst ID: 6814 Instrument: qPCR

Lab Batch: 2431013

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

PassDate Prepared: 07/29/2024 18:09 Prep ID: 1150 Instrument: Visual Inspection
Date Analyzed: 07/29/2024 18:33 Analyst ID: 3780

Lab Batch: 2431011

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

PassDate Prepared: 07/30/2024 13:50 Prepped By: 1094 Specimen Wt: 0.53 g
Date Analyzed: 07/30/2024 17:57 Analyzed By: 1094 Instrument: ICPMS
Lab Batch: 2431034 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

PassDate Prepared: 07/29/2024 18:26 Prep ID: 1150 Specimen Wt: 0.96 g
Date Analyzed: 07/29/2024 18:26 Analyst ID: 3780 Instrument: Water Activity Meter

Lab Batch: 2431011

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: 07/30/2024 14:00 Date Analyzed: 07/30/2024 18:39 Lab Batch: 2431027		Prep ID: 2447 Analyst ID: 2447		Specimen Wt: 0.05 g Instrument: GCMSMS Headspace Analysis Method: SOP1361		Date Prepared: 07/30/2024 09:14 Date Analyzed: 07/30/2024 23:57 Lab Batch: 2431020		Prep ID: 4599 Analyzed ID: 2447		Specimen Wt: 5.19 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	Linalool	1	0.00241	0.00792		
1,2-Dichloroethane	1	5.00	0.500	ND	Pass	3-Carene (+)-	1	0.00241	ND		
Acetone	1	5000	500	ND	Pass	alpha Bisabolol, L	1	0.00241	ND		
Acetonitrile	1	410	41.0	ND	Pass	alpha-Cedrene	1	0.00241	ND		
Benzene	1	2.00	0.200	ND	Pass	alpha-Fenchyl alcohol, (+)-	1	0.00241	ND		
Butane	1	5000	500	ND	Pass	alpha-Humulene	1	0.00241	ND		
Chloroform	1	60.0	6.00	ND	Pass	alpha-Phellandrene	1	0.00241	ND		
Ethanol	1	5000	500	ND	Pass	alpha-Pinene	1	0.00241	ND		
Ethyl acetate	1	5000	500	ND	Pass	alpha-Terpinene	1	0.00241	ND		
Ethyl ether	1	5000	500	ND	Pass	alpha-Terpineol	1	0.00241	ND		
Ethylene oxide	1	10.0	1.00	ND	Pass	beta-Myrcene	1	0.00241	ND		
Heptane	1	5000	500	ND	Pass	beta-Ocimene	1	0.00241	ND		
Hexane	1	290	29.0	ND	Pass	beta-Pinene	1	0.00241	ND		
Isopropyl alcohol	1	5000	500	ND	Pass	Borneol	1	0.00241	ND		
Methanol	1	3000	300	ND	Pass	Camphene	1	0.00241	ND		
Methylene chloride	1	600	60.0	ND	Pass	Camphor	1	0.00241	ND		
Pentane	1	5000	500	ND	Pass	Caryophyllene Oxide	1	0.00241	ND		
Propane	1	5000	500	ND	Pass	Cedrol	1	0.00241	ND		
Toluene	1	890	89.0	ND	Pass	D-Limonene	1	0.00241	ND		
Xylenes, total	1	2170	217	ND	Pass	E-Caryophyllene	1	0.00241	ND		
Trichloroethylene	1	80.0	8.00	ND	Pass	E-Nerolidol	1	0.00241	ND		
						Eucalyptol	1	0.00241	ND		
						Farnesene	1	0.00241	ND		
						Fenchone	1	0.00241	ND		
						gamma-Terpinene	1	0.00241	ND		
						Geraniol	1	0.00241	ND		
						Geranyl Acetate	1	0.00241	ND		
						Guaiol	1	0.00241	ND		
						Isoborneol	1	0.00241	ND		
						Isopulegol	1	0.00241	ND		
						Menthol	1	0.00241	ND		
						Nerol	1	0.00241	ND		
						p-Cymene	1	0.00241	ND		
						Pulegone	1	0.00241	ND		
						Sabinene	1	0.00241	ND		
						Sabinene hydrate	1	0.00241	ND		
						Terpinolene	1	0.00241	ND		
						Valencene	1	0.00241	ND		
						Z-Nerolidol	1	0.00241	ND		
						Total Terpenes		0.008	2.00 mg/Unit		
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