

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 P240450	Total Sample Received: 25g	Date Sampled:	07/17/2024
Sample ID: T407317-01 CCB ID:MFG 240387	Total Units Received: 1	Date Received:	07/17/2024
Matrix: Edibles	Unit Weight: 25g	Date Reported:	07/19/2024

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)	2429084	HPLC	7/18/2024 12:36:43PM	5047	7/18/2024 8:52:00AM	4599	0.53	SOP1350

Analyte	Dilution	LOD	Results	mg/Piece	mg/Unit	
		%	%	mg	mg	
Mitragynine	10	0.0100	0.710	35.5	178	<div></div>
Paynantheine	10	0.0100	0.0711	3.55	17.8	<div></div>
Speciogynine	1	0.0100	0.0441	2.20	11.0	<div></div>
Speciociliatine	1	0.0100	0.0348	1.75	8.75	
Mitraphylline	1	0.0100	ND	ND	ND	
Andrographolide	1	0.0100	ND	ND	ND	
7-Hydroxymitragynine	1	0.0100	ND	ND	ND	
Total Alkaloids			0.860			

Alkaloid results are provided for informational purposes only.
LOD = Limit of Detection; ND = Not Detected.
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Brian C. Spann
Laboratory Director



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P240450

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Sample ID: T407317-01 CCB ID:MFG 240387

Matrix: Edibles

Pesticides

Pass

Prep Method: SOP 1363	Batch	Instrument	Analyzed	Analyst	Prepped	Prepped By	Specimen Wt. (g)	Analysis SOP
Pesticide LCQOO	2429082	LCMSMS	7/18/2024 3:47:56PM	2670-0754	7/18/2024 8:45:00AM	4599	0.53	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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Laboratory Director

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Mycotoxins

Date Prepared: 07/18/2024 08:45 Prepped By: 4599 Specimen Wt: 0.53 g
Date Analyzed: 07/18/2024 15:47 Analyzed By: 2670-0754 Instrument: LCMSMS
Lab Batch: 2429082 Prep Method: SOP 1363 Analysis Method: SOP 1350

Pass

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: 07/17/2024 14:18 Prep ID: 1093 Specimen Wt: 1.00 g
Date Analyzed: 07/18/2024 16:43 Analyst ID: 1093 Instrument: qPCR
Lab Batch: 2429079 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
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

Date Prepared: 07/17/2024 13:05 Prep ID: 3780 Instrument: Visual Inspection
Date Analyzed: 07/17/2024 13:10 Analyst ID: 3780
Lab Batch: 2429064 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

Date Prepared: 07/18/2024 14:00 Prepped By: 6814 Specimen Wt: 0.55 g
Date Analyzed: 07/18/2024 19:41 Analyzed By: 1094 Instrument: ICPMS
Lab Batch: 2429081 Prep Method: SOP 1362 Analysis Method: SOP1358

Pass

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

Date Prepared: 07/18/2024 08:15 Prep ID: 3780 Specimen Wt: 5.04 g
Date Analyzed: 07/18/2024 08:15 Analyst ID: 3780 Instrument: Water Activity Meter
Lab Batch: 2429064 Analysis Method: SOP1355

Pass

Analyte	Action Limit	Result	Status
	aW	aW	
Water Activity	0.85	0.62	Pass

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Residual Solvents

Pass Terpenes Summary

Date Prepared: 07/17/2024 16:00 Prep ID: 2447 Specimen Wt: 0.05 g
Date Analyzed: 07/18/2024 01:02 Analyst ID: 2447 Instrument: GCMSMS Headspace
Lab Batch: 2429077 Analysis Method: SOP1361

Date Prepared: 07/18/2024 08:56 Prep ID: 4599 Specimen Wt: 5.12 g
Date Analyzed: 07/19/2024 13:04 Analyzed ID: 2447 Instrument: GCMS
Lab Batch: 2429085 Prep/Analysis Method: SOP1360


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

Analyte	Dilution	LOD	Results
		%	%
Linalool	1	0.00244	0.00868
3-Carene (+)-	1	0.00244	ND
alpha Bisabolol, L	1	0.00244	ND
alpha-Cedrene	1	0.00244	ND
alpha-Fenchyl alcohol, (+)-	1	0.00244	ND
alpha-Humulene	1	0.00244	ND
alpha-Phellandrene	1	0.00244	ND
alpha-Pinene	1	0.00244	ND
alpha-Terpinene	1	0.00244	ND
alpha-Terpineol	1	0.00244	ND
beta-Myrcene	1	0.00244	ND
beta-Ocimene	1	0.00244	ND
beta-Pinene	1	0.00244	ND
Borneol	1	0.00244	ND
Camphene	1	0.00244	ND
Camphor	1	0.00244	ND
Caryophyllene Oxide	1	0.00244	ND
Cedrol	1	0.00244	ND
D-Limonene	1	0.00244	ND
E-Caryophyllene	1	0.00244	ND
E-Nerolidol	1	0.00244	ND
Eucalyptol	1	0.00244	ND
Farnesene	1	0.00244	ND
Fenchone	1	0.00244	ND
gamma-Terpinene	1	0.00244	ND
Geraniol	1	0.00244	ND
Geranyl Acetate	1	0.00244	ND
Guaial	1	0.00244	ND
Isoborneol	1	0.00244	ND
Isopulegol	1	0.00244	ND
Menthol	1	0.00244	ND
Nerol	1	0.00244	ND
p-Cymene	1	0.00244	ND
Pulegone	1	0.00244	ND
Sabinene	1	0.00244	ND
Sabinene hydrate	1	0.00244	ND
Terpinolene	1	0.00244	ND
Valencene	1	0.00244	ND
Z-Nerolidol	1	0.00244	ND
Total Terpenes		0.009	2.25 mg/Unit

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