

Certificate of Analysis**Customer Information:**

KratomSoftgels.com

Attn: Quality Assurance Department

Sample Receipt Date: 7/9/2021

Report ID: 2107275

118201 15mg Mitragynine Softgels

Sample ID	Analyzed	Analysis	Result	Units	Method Code
2107275-001	7/15/2021	7-Hydroxymitragynine	< 0.00100	%	MIT.2
	7/15/2021	Isorhynchophylline	< 0.100	%	MIT.2
	7/15/2021	Mitragynine	4.96	%	MIT.2
	7/15/2021	Mitraphylline	< 0.100	%	MIT.2
	7/15/2021	Paynantheine	0.163	%	MIT.2
	7/15/2021	Speciociliatine	< 0.100	%	MIT.2
	7/15/2021	Speciogynine	< 0.100	%	MIT.2
	7/15/2021	Total Alkaloids	5.29	%	MIT.2
7/14/2021	Arsenic (As)	< 0.020	mg/kg (ppm)	ICPMS.1	
7/14/2021	Cadmium (Cd)	< 0.010	mg/kg (ppm)	ICPMS.1	
7/14/2021	Lead (Pb)	0.013	mg/kg (ppm)	ICPMS.1	
7/14/2021	Mercury (Hg)	< 0.005	mg/kg (ppm)	ICPMS.1	
7/9/2021	Salmonella spp.	Negative	/1 g	Salm.1a	
7/9/2021	Shiga toxin-producing E. coli	Negative	/1 g	STEC.1.a	
7/9/2021	stx and eae genes	Negative	/1 g	STEC.1.a	
7/9/2021	Listeria monocytogenes	Negative	/1 g	LMono.2	
7/9/2021	Aerobic Plate Count	< 1,000	CFU/g	AC.1a	
7/9/2021	Total Coliform Bacteria	< 100	CFU/g	TC.1a	
7/9/2021	Enterobacteriaceae	< 100	CFU/g	EB.1a	
7/9/2021	Escherichia coli	< 100	CFU/g	EC.1a	
7/9/2021	Pseudomonas spp.	< 100	CFU/g	PSU.1a	
7/9/2021	Staphylococcus aureus	< 100	CFU/g	STA.1a	
7/9/2021	Staphylococcus aureus	< 100	CFU/g	STA.1a	
7/9/2021	Yeast and Mold	< 100	CFU/g	YM.1a	

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Sample Description: 118201 15mg Mitragynine Softgels

Analysis	Result	Units	Method Code	Analysis	Result	Units	Method Code
Abamectin (B1a + B1b)	< 50	µg/kg (ppb)	Pest.1	Acephate	< 25	µg/kg (ppb)	Pest.1
Acequinocyl	< 10	µg/kg (ppb)	Pest.1	Acetamiprid	< 10	µg/kg (ppb)	Pest.1
Aldicarb	< 10	µg/kg (ppb)	Pest.1	Azoxystrobin	< 10	µg/kg (ppb)	Pest.1
Bifenazate	< 50	µg/kg (ppb)	Pest.1	Bifenthrin	< 10	µg/kg (ppb)	Pest.1
Boscalid	< 50	µg/kg (ppb)	Pest.1	Carbaryl	< 25	µg/kg (ppb)	Pest.1
Carbofuran	< 25	µg/kg (ppb)	Pest.1	Chlorantranilprole	< 25	µg/kg (ppb)	Pest.1
Chlorfenapyr	< 100	µg/kg (ppb)	Pest.1	Chlorpyrifos	< 25	µg/kg (ppb)	Pest.1
Clofentezine	< 10	µg/kg (ppb)	Pest.1	Coumaphos	< 10	µg/kg (ppb)	Pest.1
Cyfluthrin (Baythroid)	< 50	µg/kg (ppb)	Pest.1	Cypermethrin	< 50	µg/kg (ppb)	Pest.1
Daminozide	< 25	µg/kg (ppb)	Pest.1	Diazinon	< 10	µg/kg (ppb)	Pest.1
Dibrom (Naled)	< 50	µg/kg (ppb)	Pest.1	Dichlorvos	< 50	µg/kg (ppb)	Pest.1
Dimethoate	< 25	µg/kg (ppb)	Pest.1	Dimethomorph	< 25	µg/kg (ppb)	Pest.1
Ethofenprox	< 10	µg/kg (ppb)	Pest.1	Ethoprophos (Prophos)	< 25	µg/kg (ppb)	Pest.1
Etoazole	< 25	µg/kg (ppb)	Pest.1	Fenhexamid	< 50	µg/kg (ppb)	Pest.1
Fenoxycarb	< 10	µg/kg (ppb)	Pest.1	Fenpyroximate	< 25	µg/kg (ppb)	Pest.1
Fipronil	< 10	µg/kg (ppb)	Pest.1	Flonicamid	< 25	µg/kg (ppb)	Pest.1
Fludioxonil	< 25	µg/kg (ppb)	Pest.1	Hexythiazox	< 10	µg/kg (ppb)	Pest.1
Imazalil	< 50	µg/kg (ppb)	Pest.1	Imidacloprid	< 10	µg/kg (ppb)	Pest.1
Kresoxim Methyl	< 10	µg/kg (ppb)	Pest.1	Malathion	< 100	µg/kg (ppb)	Pest.1
Metalaxyl	< 25	µg/kg (ppb)	Pest.1	Methiocarb	< 50	µg/kg (ppb)	Pest.1
Methomyl	< 25	µg/kg (ppb)	Pest.1	Oxamyl	< 10	µg/kg (ppb)	Pest.1
Paclbutrazol	< 25	µg/kg (ppb)	Pest.1	Permethrins	< 10	µg/kg (ppb)	Pest.1
Phosdrin (Mevinphos)	< 50	µg/kg (ppb)	Pest.1	Phosmet	< 10	µg/kg (ppb)	Pest.1
Piperonyl Butoxide	< 10	µg/kg (ppb)	Pest.1	Prallethrin	< 25	µg/kg (ppb)	Pest.1
Propiconazol	< 25	µg/kg (ppb)	Pest.1	Propoxur	< 25	µg/kg (ppb)	Pest.1
Pyrethrins	< 50	µg/kg (ppb)	Pest.1	Pyridaben	< 10	µg/kg (ppb)	Pest.1
Spinetoram	< 25	µg/kg (ppb)	Pest.1	Spinosad A	< 10	µg/kg (ppb)	Pest.1
Spinosad D	< 50	µg/kg (ppb)	Pest.1	Spiromesifen	< 25	µg/kg (ppb)	Pest.1
Spirotetramat	< 25	µg/kg (ppb)	Pest.1	Spiroxamine	< 25	µg/kg (ppb)	Pest.1
Systhane (Myclobutanil)	< 50	µg/kg (ppb)	Pest.1	Tebuconazol (Folicur)	< 25	µg/kg (ppb)	Pest.1
Thiacloprid	< 25	µg/kg (ppb)	Pest.1	Thiamethoxam	< 25	µg/kg (ppb)	Pest.1
Trifloxystrobin	< 10	µg/kg (ppb)	Pest.1				

Reported By: _____

Ryan Connelly

Chemistry Laboratory Manager

Reported: 7/16/2021

Methods Used:

Pest.1 : Pesticides by LC/MS/MS (Agilent App - Determination of Pesticides and Mycotoxins)