



## Certificate of Analysis for

*Kratochvile.org*

Received: 3/12/2022 @ 18.4 °C

Report ID: 2203435

Sample ID: 2203435-002

Sample Description: Red

**AC.1a: AC by mass via AOAC 990.12 (Petrifilm™) Analyzed 03/14/22**

Aerobic Plate Count	87,000	CFU/g
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**TC.1a: TC by mass via AOAC 991.14, 998.03 (Petrifilm™) Analyzed 03/14/22**

Total Coliform Bacteria	2,100	CFU/g
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**EC.1a: EC by mass via AOAC 991.14, 998.08 (Petrifilm™) Analyzed 03/14/22**

Escherichia coli	< 100	CFU/g
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**ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 03/15/22**

Arsenic (As)	0.033	mg/kg (ppm)	Cadmium (Cd)	0.017	mg/kg (ppm)
Lead (Pb)	0.012	mg/kg (ppm)	Mercury (Hg)	0.013	mg/kg (ppm)

**MIT.1: Mitragynine via AOAC 2017.14 Analyzed 03/14/22**

7-Hydroxymitragynine	0.004	%	Mitragynine	1.87	%
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**Salm.1a: Salmonella via AOAC 081201, 2013.02 (BAX® PCR System) Analyzed 03/14/22**

Salmonella spp.	Negative	/25 g
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**STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 03/14/22**

Staphylococcus aureus	< 100	CFU/g
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**STEC.1.a: Shiga toxin (stx) & Intimin (eae) genes via AOAC 091301 (BAX® PCR System, STEC Screen) Analyzed 03/15/22**

Shiga toxin-producing E. coli	Negative	/25 g	stx and eae genes	Negative	/25 g
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**YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 03/14/22**

Yeast and Mold	7,000	CFU/g
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Mitragynine concentration includes Paynantheine at approximately 0.2 - 0.4%.

7-Hydroxymitragynine reported at actual values found below limit of quantitation.

RPC 3-16-22

Reported By:

Ryan Connelly, Chemistry Laboratory Manager, 3/17/2022