



Certificate of Analysis

Customer Information:



Attn: [REDACTED]

Sample Receipt Date: 6/7/2021

Report ID: 2107123

Sample ID	Analyzed	Sample Description	Analysis	Result	Units	Method Code
2107123-002	6/10/2021	White	Arsenic (As)	< 0.020	mg/kg (ppm)	ICPMS.1
	6/10/2021		Cadmium (Cd)	0.018	mg/kg (ppm)	ICPMS.1
	6/10/2021		Lead (Pb)	0.295	mg/kg (ppm)	ICPMS.1
	6/10/2021		Mercury (Hg)	0.017	mg/kg (ppm)	ICPMS.1
	6/11/2021		7-Hydroxymitragynine	< 0.001	%	MIT.1
	6/11/2021		Mitragynine	1.67	%	MIT.1
	6/11/2021		Salmonella spp.	Negative	/25 g	Salm.1a
	6/11/2021		Shiga toxin-producing E. coli	Negative	/25 g	STEC.1.a
	6/11/2021		stx and eae genes	Negative	/25 g	STEC.1.a
	6/11/2021		Aerobic Plate Count	90,000	CFU/g	AC.1a
	6/11/2021		Total Coliform Bacteria	< 100	CFU/g	TC.1a
	6/11/2021		Escherichia coli	< 100	CFU/g	EC.1a
	6/11/2021		Staphylococcus aureus	< 100	CFU/g	STA.1a
	6/11/2021		Yeast and Mold	1,000	CFU/g	YM.1a

Reported By:

Ryan Connelly, Chemistry Laboratory Manager

Reported: 6/11/2021

Methods Used:

AC.1a : AC by mass via AOAC 990.12 (Petrifilm™)

ICPMS.1 : Metals via FDA - EAM:2008 (ICP/MS)

Salm.1a : Salmonella via AOAC 081201, 2013.02 (BAX® PCR System)

STEC.1.a : Shiga toxin (stx) & Intimin (eae) genes via AOAC 091301 (BAX® PCR System, STEC Screen)

YM.1a : YM by mass via AOAC RI 121301 (Petrifilm™)

EC.1a : EC by mass via AOAC 991.14, 998.08 (Petrifilm™)

MIT.1 : Mitragynine via AOAC 2017.14

STA.1a : S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™)

TC.1a : TC by mass via AOAC 991.14, 998.03 (Petrifilm™)