

Certificate of Analysis


MURRAY-BROWN
LABORATORIES, INC.

Beyond the Raw Data

Customer Information:

 Supplier Kratom
 Pontianak, Indonesia

Green MD

Attn: Benjamin Eggert

Sample Receipt Date: 02/9/2022

Report ID: 2211212

Sample ID	Analyzed	Sample Description	Analysis	Result	Units	Method Code
2211212-00	02/10/2022	Mitragyna Speciosa Lot: 092220	Arsenic (As)	0.101	mg/kg (ppm)	ICPMS.1
	02/10/2022		Cadmium (Cd)	0.032	mg/kg (ppm)	ICPMS.1
	02/10/2022		Lead (Pb)	0.033	mg/kg (ppm)	ICPMS.1
	02/10/2022		Mercury (Hg)	0.037	mg/kg (ppm)	ICPMS.1
	02/10/2022		7-Hydroxymitragynine	0.013	%	MIT.1
	02/10/2022		Mitragynine	1.73	%	MIT.1
	02/9/2022		E. coli O157:H7	Negative	/25 g	ECH7.1a
	02/9/2022		Salmonella spp.	Negative	/25 g	Salm.1a
	02/9/2022		Shiga toxin-producing E. coli	Negative	/25 g	STEC.1a
	02/9/2022		stx and eae genes	Negative	/25 g	STEC.1a

Report ID 2011212 has been amended as follows: 7-Hydroxymitragynine reported at actual values found below limit of quantitation. RPC 02-11-22

Reported By:

Ryan Connelly, Chemistry Laboratory Manager

Reported: 02/11/2022

Methods Used:

ECH7.1a: E. coli O157:H7 via AOAC 031002 (BAX® PCR System)

MIT.1: Mitragynine via AOAC 2017.14

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

ICPMS.1: Metals via FDA - EAM2008 (ICP/MS)

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