11455 Pearl St Northglenn, CO 80233 (303) 296-0264

MURRAY-BROWN LABORATORIES, INC.
Beyond the Raw Data

Certificate of Analysis for

10 Harkness Ct
Newark, DE 19711
Phone:

Received: 1/23/2023 @ 16.7 °C
Report ID: 2301747

Sample ID	Analyzed	Sample Description	Analysis	Result	Units	Method Code
2301747-005	1/27/2023	Super Green Maeng Da - 105111822	Arsenic (As)	0.668	mg/kg (ppm)	ICPMS.1
	1/27/2023		Cadmium (Cd)	0.019	mg/kg (ppm)	ICPMS.1
	1/27/2023		Lead (Pb)	0.442	mg/kg (ppm)	ICPMS.1
	1/27/2023		Mercury (Hg)	0.022	mg/kg (ppm)	ICPMS.1
	1/25/2023		7-Hydroxymitragynine	< 0.010	%	MIT.1
	1/25/2023		Mitragynine	1.84	%	MIT.1
	1/23/2023		Salmonella spp.	Negative	/25 g	Salm.1
	1/23/2023		Shiga toxin-producing E. coli	Negative	/25 g	STEC.1
	1/23/2023		Aerobic Plate Count	< 100	CFU/g	ACR.1a
	1/23/2023		Total Coliform Bacteria	< 100	CFU/g	CC.1a
	1/23/2023		Escherichia coli	< 100	CFU/g	EC.1a
	1/23/2023		Yeast and Mold	500	CFU/g	YM.1a

Mitragynine concentration includes Paynantheine at approximately 5 - 20% of the total mitragynine concentration.

RPC 1-27-23

Reported By: Ryan Connelly, Chemistry Laboratory Manager, 1/31/2023

Methodology:

ACR.1a : AC by mass via AOAC 2015.13 (Petrifilm™) TCC: AOAC 991.14, 998.08-3M Petrifilm
EC.1a : EC by mass via AOAC 991.14, 998.08 (Petrifilm™) Prep: Quantitative Initial Dilution
ICPMS.1 : Metals via FDA - EAM:2008 (ICP/MS) Prep: Digestion, Microwave
Salm.1 : Salmonella via AOAC 081201, 2013.02 (BAX® PCR)
YM.1a : YM by mass via AOAC RI 121301 (Petrifilm™) Prep: Quantitative Initial Dilution
CC.1a : CC by mass via AOAC 991.14, 998.03 (Petrifilm™) Prep: Quantitative Initial Dilution
ICPMS.1 : Metals via FDA - EAM:2008 (ICP/MS) APC: AOAC 990.12-3M Petrifilm
MIT.1 : Mitragynine via AOAC 2017.14
STEC.1 : E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen)