



## Certificate of Analysis

### Customer Information:

BMZ Partnership LLC  
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Phone: (760) 822-1368

Attn: Scott Moberg  
Sample Receipt Date: 3/31/2020  
Report ID: 2003998

### Product for Captain LA

Sample ID	Analyzed	Sample Description	Analysis	Result	Units	Method Code
2003998-001	4/1/2020	Captain LA Green GMD	Arsenic (As)	0.403	mg/kg (ppm)	ICPMS.1
	4/1/2020		Cadmium (Cd)	0.027	mg/kg (ppm)	ICPMS.1
	4/1/2020		Lead (Pb)	0.983	mg/kg (ppm)	ICPMS.1
	4/1/2020		Mercury (Hg)	0.015	mg/kg (ppm)	ICPMS.1
	4/6/2020		7-Hydroxymitragynine	0.004	%	MIT.1
	4/6/2020		Mitragynine	1.26	%	MIT.1
	3/31/2020		Salmonella spp.	Negative	/10 g	Salm.1a
	3/31/2020		Shiga toxin-producing E. coli	Negative	/10 g	STEC.1.a
	3/31/2020		stx and eae genes	Negative	/10 g	STEC.1.a
	3/31/2020		Listeria monocytogenes	Negative	/10 g	LMono.2
	3/31/2020		Aerobic Plate Count	150,000	CFU/g	APC.1a
	3/31/2020		Total Coliform Bacteria	200	CFU/g	TC.1a
	3/31/2020		Escherichia coli	< 100	CFU/g	EC.1a
	3/31/2020		Staphylococcus aureus	< 100	CFU/g	STA.1a
	3/31/2020		Yeast and Mold	3,000	CFU/g	Y&M.1a

Report ID 2003998 has been amended as follows: 7-Hydroxymitragynine reported at actual values found below limit of quantitation. RPC 4-7-20

Reported By: \_\_\_\_\_

Ryan Connelly, Chemistry Laboratory Manager

Reported: 4/7/2020

### Methods Used:

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

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

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™)

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

LMono.2 : Listeria monocytogenes via AOAC 121804 (Gene-Up® PCR System)

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)

Y&M.1a : Y&M by mass via AOAC RI 121301 (Petrifilm™)

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## Case Narrative

WO#: 2003998  
Date: 4/7/2020

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**CLIENT:** BMZ Partnership LLC  
**Project:** ProductSamplesRcd03-31-20

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