



1945 S Fremont Drive
 Salt Lake City, Utah 84104
 Phone: 801.973.8824
 www.dyadlabs.com

Certificate Of Analysis

Evolve Contract Manufacturing
 909 W. 500 N. Suite A
 Lindon, UT 84062

Certificate ID 116817
 Report Date 11-09-2020
 Customer PO
 Receipt Date 11-04-2020
 Test Completion Date 11-09-2020

Analytical Testing Results

Customer Lot 11032010009-1-4-962220
 Description NuWave / Mitragnyna Speciosa

Lab Sample ID 585695
 Serving Size N/A

Method ^ AOAC 993.14/GL-500

Analysis
 Arsenic (As)
 Cadmium (Cd)
 Lead (Pb)

Test Type ICP-MS

Specification	Result	U/M
< 2	0.126	ppm
< 0.82	0.035	ppm
< 1.2	0.372	ppm

Method ^ EPA 7473/GL-585

Analysis
 Mercury (Hg)

Test Type DMA

Specification	Result	U/M
< 0.40	0.020	ppm

Method USP <197>/GL-511

Analysis
 Client Reference Material Match

Test Type FTIR

Specification	Result	U/M
Conform	Conform	

Method ^ USP <2021>/GL-411

Analysis
 Aerobic Plate Count

Test Type Aerobic Plate Count

Specification	Result	U/M
< 10000000	18000	cfu/g

Method ^ AOAC 991.14/GL-420

Analysis
 Coliforms

Test Type Coliforms

Specification	Result	U/M
< 10000	<10	cfu/g

Method ^ USP <2022>/GL-423

Analysis
 E. coli

Test Type E. coli

Specification	Result	U/M
Negative	Negative	/10g

Method ^ USP <2022>/GL-461

Analysis
 Salmonella

Test Type Salmonella

Specification	Result	U/M
Negative	Negative	/10g

Method ^ USP <2022>/GL-441

Analysis
 Staphylococcus aureus

Test Type Staphylococcus aureus

Specification	Result	U/M
Negative	Negative	/10g

Method ^ AOAC 2014.05/GL-451

Analysis
 Yeasts and Molds

Test Type Yeasts and Molds

Specification	Result	U/M
< 100000	3000	cfu/g



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Certificate Of Analysis

Evolve Contract Manufacturing
909 W. 500 N. Suite A
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Certificate ID	116817
Report Date	11-09-2020
Customer PO	
Receipt Date	11-04-2020
Test Completion Date	11-09-2020

Analytical Testing Results

Customer Lot 11032010009-1-4-962220
Description NuWave / Mitragyna Speciosa

Lab Sample ID	585695
Serving Size	N/A

Method USP <2021>/GL-431
Analysis
Enterobacteriaceae

Test Type	Enterobacteriaceae		
Specification	< 10000	Result	U/M
		<10	mpn/g



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Laboratory Comments:

Certificate ID#: 116817

Reviewed By: Erik Richter

Approved By: 

Edgar Grigorian, VP of Technical Affairs
On Behalf of Dyad Labs

Laboratory Notes:

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Result Symbol Definitions:

^ = ISO 17025 certified method

* = Analysis performed at a subcontract location