

ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

Sample Name: **MD POWDER 16**
 Product Code: N/A
 Batch/Lot: M1246Z
 MQL Accession: 201005-0309

PO#: N/A
 Sample Description: 60G
 Rush: N/A
 Received Date: 11/05/20

Test Requested:	Test Method:	Specification:	Results:
Mitragynine	MQLTM-0880 By UPLC	N/A	1.93% *
7-OH Mitragynine	MQLTM-0880 By UPLC	N/A	0.396% *
ID	MQLTM-0880 By UPLC	N/A	The peaks of interest in the sample match those of the standard *
Lead	MQLTM-0278 By ICP-MS	N/A	0.422 ppm
Arsenic	MQLTM-0278 By ICP-MS	N/A	0.176 ppm
Cadmium	MQLTM-0278 By ICP-MS	N/A	0.025 ppm
Mercury	MQLTM-0278 By ICP-MS	N/A	0.013 ppm

Prepared By: 
 Jeanette Campos/Document Control Specialist

NOV 09 2020

11/09/20

Reviewed By: 
 Maritza Garcia/Account Representative

NOV 09 2020

11/09/20

Comment: (*) This result is not covered under our A2LA accreditation. The test has been carried out following general compendial methods (USP/NF, EP, JP and AOAC).
 Micro Quality Laboratories, Inc. (MQL), is an A2LA ISO 17025 accredited testing laboratory (Certificate Number 3034.01). The requirements of ISO 17025 were followed for the test, results and preparation of this certificate of analysis. MQL's scope of accreditation may be found on A2LA or MQL websites.

The aforementioned results on this report are representative of the samples submitted and may not be indicative of the entire manufacture, batch, and/or lot. Applicable current GMP's shall always be used when sampling. GLP's shall always be practiced by Micro Quality Labs to ensure the most accurate results.

This report is submitted for the exclusive use of the person, partnership, or corporation to whom it is addressed, and neither the report nor the name of Micro Quality Labs, Inc. nor any member of its staff, may be used in connection with the advertising or sale of any product or process without written authorization from Micro Quality Labs, Inc. Failure to comply will result in immediate legal action by Micro Quality Labs, Inc.

Form# 03B.2 Analytical / Chemical Certificate of Analysis, Revised 07-05-2016 DCR2016-0062

Certificate of Analysis



Customer Information:

██████████
██████████
████████████████████
████████████████████

Attn: ██████████
Sample Receipt Date: 11/19/2020
Report ID: 2011565

Sample ID	Analyzed	Sample Description	Analysis	Result	Units	Method Code
2011565-001	11/20/2020	01111020	7-Hydroxymitragynine	0.003	%	MIT.1
	11/20/2020		Mitragynine	1.95	%	MIT.1
	11/19/2020		E. coli O157:H7	Negative	/25 g	ECH7.1a
	11/19/2020		Salmonella spp.	Negative	/25 g	Salm.1a
	11/19/2020		Aerobic Plate Count	110,000	CFU/g	AC.1a
	11/19/2020		Yeast and Mold	40,000	CFU/g	YM.1a

Report ID 2011565 has been amended as follows: 7-Hydroxymitragynine reported at actual values found below limit of quantitation. RPC 11-23-20

Reported By: Riley M. Horner Riley Horner, Microbiology Laboratory Manager
Reported: 11/24/2020

Methods Used:

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

MIT.1 : Mitragynine via AOAC 2017.14

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

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

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