



1341 Distribution Way 16, Vista CA 92081
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Certificate of Analysis

11 MAY 2026
SAMPLE #3
LOT #: N/A



Client:	MSDC HOLDINGS	SAMPLE SET:	233680
Client Address:	11100 Darwood Pinckney, MI 48169	Prepped By:	Aimee B.
Sample Matrix:	Kava	Date Received:	04/30/2026
Sample Type:	Gummy	Acquisition Method:	JIA-KVL_2024-R1
Product Size:	5.29g/gummy	Testing ID:	233680_0007.D
		Date Tested:	04/30/2026

ID/POTENCY

#	Analyte	Analytical Method(s)	Kavalactone #	Kavalactone %	Unit
1	Methysticin	HPLC (Adapted JH 20231019, 2023*)	6	0.67	mg/g
2	Dihydromethysticin	HPLC (Adapted JH 20231019, 2023*)	5	0.64	mg/g
3	Kavain	HPLC (Adapted JH 20231019, 2023*)	4	2.09	mg/g
4	Dihydrokavain	HPLC (Adapted JH 20231019, 2023*)	2	2.37	mg/g
5	Yangonin	HPLC (Adapted JH 20231019, 2023*)	3	1.06	mg/g
6	Desmethoxyyangonin	HPLC (Adapted JH 20231019, 2023*)	1	0.89	mg/g

BIOLOGICAL

#	Analyte	Spec	Result	Method	Sample Size
1	Aerobic Plate Count	< 10,000,000 cfu/g	< 100,000 cfu/g	0973-00 Petrifilm 2025-41	10g
2	Coliforms	< 10,000 cfu/g	< 10,000 cfu/g	0973-00 Petrifilm 2025-41	10g
3	Enterobacteriaceae	< 10,000 cfu/g	< 10,000 cfu/g	0973-00 Petrifilm 2025-41	10g
5	Yeast & Mold	< 100,000 cfu/g	< 100,000 cfu/g	0972-00 Seleris 2025-41	10g
6	Staphylococcus	Absent in 10g	Absent	0973-00 Petrifilm 2025-41	10g
7	E. coli	Absent in 10g	Absent	0972-00 Seleris 2025-41	10g
8	Salmonella	Absent in 10g	Absent	0972-00 Seleris 2025-41	10g

HEAVY METALS

Product #	Lot #	Metals	Spec	Results
Sample #3	N/A	Arsenic	< 10,000 ppb	N/D
		Cadmium	< 4,100 ppb	10 ppb
		Lead	< 900 ppb	20 ppb
		Mercury	< 300 ppb	N/D

Kavalactone Content: **162** mg /gummy
Kavalactone Lineup: **2-4-3**
Metals / Microbial: **Within Spec**



SEAL OF AUTHENTICITY

VERIFIED BY:

Quality Assurance: *Sarah T.*

* Method conforms to AOAC methods for Microbial and Kratom Working Group SMPRs for mitragynine and 7-OH w/internal lab method MIT-EVO_R2025-01.
Sample(s) examined visually and under low-power magnification. No visible or microscopic harmful foreign matter observed. | Page 1 of 1