

**Certificate of Analysis for**

Harken Research

11 W Del Mar Blvd, STE 240

Pasadena, CA 91105

Received: 8/26/2026 @ 27.8 °C

Report ID: 2608E77

PO No.: 3422

Sample ID: 2608E77-002 27DL08653 Red MD - RMD4626 - Raw Mitragyna Speciosa (Kratom) Powder 20g**KRA.2: 7-Hydroxymitragynine by LC-MS/MS Analyzed 08/28/26**

7-Hydroxymitragynine	22.6	ppm	7-Hydroxymitragynine (Dry Matter Basis)	23.8	ppm
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MIT.2: Kratom Alkaloids by HPLC-UV via AOAC 2017.14 (Modified) Analyzed 08/28/26

Isorhynchophylline	< 0.0505	%	Mitragynine	1.00	%
Mitraphylline	< 0.0505	%	Paynantheine	0.169	%
Speciociliatine	0.251	%	Speciogynine	0.128	%
Total Alkaloids	1.55	%			

Moisture.3: Moisture via AOAC 950.46 (Loss on Drying) Analyzed 08/31/26

Moisture	5.06	g/100 g (%)
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Reported By Annalyssa M Vesely, Chemist II, 9/4/2026