

**MURRAY-BROWN**  
**LABORATORIES, INC.**  
Beyond the Raw Data**Certificate of Analysis for**

Alta Mensa BV

Received: 9/24/2025 @ 24.5 °C

Report ID: 2509C20

**Sample ID:** 2509C20-002 2025JG2**ICPMS.1: Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 09/26/25**

|              |       |             |              |        |             |
|--------------|-------|-------------|--------------|--------|-------------|
| Arsenic (As) | 0.339 | mg/kg (ppm) | Cadmium (Cd) | 0.0302 | mg/kg (ppm) |
| Lead (Pb)    | 0.457 | mg/kg (ppm) | Mercury (Hg) | 0.0210 | mg/kg (ppm) |

**MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 09/26/25**

|                      |          |   |                    |         |   |
|----------------------|----------|---|--------------------|---------|---|
| 7-Hydroxymitragynine | < 0.0100 | % | Isorhynchophylline | < 0.100 | % |
| Mitragynine          | 1.34     | % | Mitraphylline      | < 0.100 | % |
| Paynantheine         | 0.219    | % | Speciociliatine    | 0.256   | % |
| Speciogynine         | 0.145    | % | Total Alkaloids    | 1.96    | % |

Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 9/29/2025