



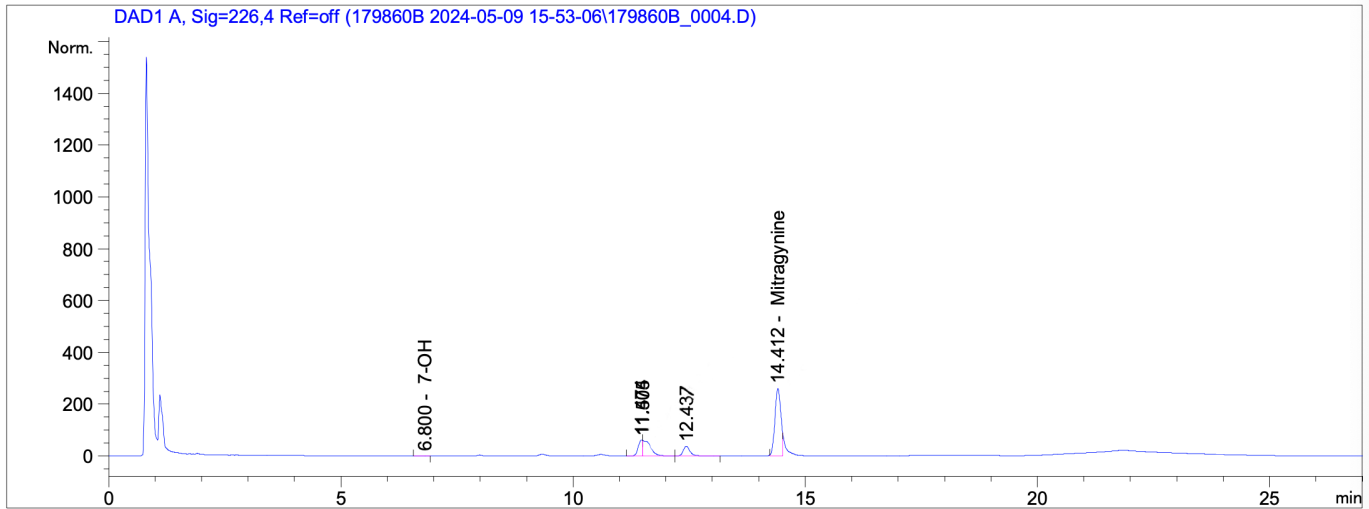
# Certificate of Analysis

10 MAY 2024

RED VEIN MAENG DA CAPS / MIT / 100113



|                   |                          |                     |                  |
|-------------------|--------------------------|---------------------|------------------|
| <b>CLIENT:</b>    | <b>MODUS ENTERPRISES</b> | <b>SAMPLE SET:</b>  | <b>179860</b>    |
| Sample Type:      | Powder                   | Date Acquired:      | 05/07/2024       |
| Sample Weight:    | 200mg                    | Acquisition Method: | MIT-EVO_R2024-01 |
| Dilution:         | 1.0                      | Testing ID:         | 179860B_0004.D   |
| Vial:             | Vial 4                   | Date Processed:     | 05/09/2024       |
| Injection Volume: | 5.0 µl                   | Run Time:           | 27 min           |
| Prepped By:       | Sarah T.                 | Calibration ID:     | 20240305         |



| # | Analyte              | RT (min) | Area (mAU*s) | Amt (µg/mL) | Alkaloid  | Total % |
|---|----------------------|----------|--------------|-------------|---|---------|
| 1 | Mitragynine          | 14       | 2310         | 116         | C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub> | 1.16    |
| 2 | 7-Hydroxymitragynine | 6        | 7            | 0.7         | C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>5</sub> | 0.007   |
| 3 | Paynantheine         | 10       | 430          | 21          | C <sub>23</sub> H <sub>28</sub> N <sub>2</sub> O <sub>4</sub> | 0.21    |
| 4 | Speciogynine         | 11       | 689          | 34          | C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub> | 0.34    |
| 5 | Speciociliatine      | 12       | 396          | 19          | C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub> | 0.19    |
| 6 |                      |          |              |             |   |         |

Mitragynine Content: **12** mg/g

7OH Content: **0.07** mg/g

Identity Confirmed: **YES**

**SEAL OF AUTHENTICITY**

VERIFIED BY: *[Signature]*

Quality Assurance: *[Signature]*