PROVERDE LABORATORIES

# Certificate of Analysis

Certificate ID: **135126** Received: **11/13/25**

Client Sample ID: **Mit Traditional Green MD**

Lot Number: **1TV1006**

Matrix: **Kratom Powder-Ground Plant Material**

Scan QR Code for authenticity

**Mit Therapy**
**2623 S. Fry Street**
**Boise, ID 83709**

| Authorization: | Signature: | Date: |
|---|---|---|
| Andrew Aubin, Lab Director | | 11/19/2025 |







PJLA Testing
Accreditation
# 80585

The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

## *KR: Kratom Alkaloids [WI-10-44]*

*Analyst: AJA* *Test Date: 11/13/2025*

The client sample was analyzed for plant-based alkaloids by Liquid Chromatography (LC) with PDA detection. The collected data was compared to data collected for certified reference standard at a known concentrations. The presence or absence of all listed compounds were confirmed via UV spectral matching.

***135126-KR***

| Compound | CAS | Weight % | Concentration (mg/g) |
|---|---|---|---|
| Mitragynine | 4098-40-2 | 1.40 | 14.0 |
| 7-Hydroxy Mitragynine | 174418-82-7 | 0.00 (0 ppm) | 0 |
| | Total | 1.40 | 14.0 |

ND or "0 ppm" – Not Detected at a level greater than the Limit of Detection of 0.005 wt% (50 ppm).
* Reported value is estimated as it is lower than the Limit of Quantitation (LOQ).

## *HM: Heavy Metal Analysis [WI-10-13]* *Analyst: ZDV* *Test Date: 11/14/2025*

This sample was analyzed by elemental analysis using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for the identification of heavy metal constituents. External calibration curves for heavy metals were used for quantitation, with an additional internal reference standard. Resulting data was compared with a sample blank. This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

### *135126-HM*

| Symbol | Metal | Conc.[1] (µg/kg) | RL | Use Limits [2] (µg/kg) | Status |
|---|---|---|---|---|---|
| As | Arsenic | 531 | 50.0 | 2,000 | PASS |
| Cd | Cadmium | ND | 50.0 | 820 | PASS |
| Hg | Mercury | ND | 50.0 | 400 | PASS |
| Ni | Nickel | 2,710 | 50.0 | 20,000 | PASS |
| Pb | Lead | 409 | 50.0 | 1,200 | PASS |

1) ND = None detected above the indicated Reporting Limit (RL)
2) Testing limits established by the Utah Agriculture and Food, Regulatory Services (R70), Kratom Product Registration and Labeling (R70-580), Authority and Purpose (R70-580-1) - Pursuant to Section 4-45-107, this rule establishes the requirements for labeling and registration of products made from and containing kratom. Nickel specification according to oral drug products per USP.

## *MB1: Microbiological Contaminants [WI-10-47]* *Analyst: SRD* *Test Date: 11/19/2025*

This sample was analyzed for microbiological contaminants using a culture-based plating methodology consistent with USP <61>. This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

### *135126P-MB1*

| Symbol | Analysis | Results | Units | Limits* | Status |
|---|---|---|---|---|---|
| AC | Total Aerobic Bacterial Count | <10000 | CFU/g | 10,000,000 CFU/g | PASS |
| CC | Total Coliform Bacterial Count | <100 | CFU/g | 10,000 CFU/g | PASS |
| EB | Total Bile Tolerant Gram Negative Count | =700 | CFU/g | 10,000 CFU/g | PASS |
| YM | Total Yeast & Mold | <1000 | CFU/g | 100,000 CFU/g | PASS |

*Testing limits established by the Utah Agriculture and Food, Regulatory Services (R70), Kratom Product Registration and Labeling (R70-580), Authority and Purpose (R70-580-1) - Pursuant to Section 4-45-107, this rule establishes the requirements for labeling and registration of products made from and containing kratom.

## *MB2: Pathogenic Bacterial Contaminants [WI-10-48]* *Analyst: SD* *Test Date: 11/19/2025*

This sample was analyzed for pathogenic bacteria using a culture-based plating methodology with an enrichment step consistent with USP <62>. This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety. Reports may not be reproduced except in their entirety.

### *135126-MB2*

| Test ID | Analysis | Results | Units | Limits* | Status |
|---|---|---|---|---|---|
| 135126-ECPT | E. coli (O157) | Negative | NA | Non Detected | PASS |
| 135126-SPT | Salmonella | Negative | NA | Non Detected | PASS |

Note: All recorded pathogenic bacteria tests passed.

**END OF REPORT**