

**Certificate of Analysis for**

Panacea Natural  
4840 Northeast 12th Ave  
Oakland Park, FL 33334  
Phone: (786) 766-0111

Received: 8/26/2026 @ 25.7 °C

Report ID: 2608E73

**Sample ID:** 2608E73-002 Green Kratom Powder Lot 26082402**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed****08/26/26**

|                     |       |       |
|---------------------|-------|-------|
| Aerobic Plate Count | 3,300 | CFU/g |
|---------------------|-------|-------|

**CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 08/26/26**

|                         |       |       |
|-------------------------|-------|-------|
| Total Coliform Bacteria | < 100 | CFU/g |
|-------------------------|-------|-------|

**ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 08/26/26**

|                  |       |       |
|------------------|-------|-------|
| Escherichia coli | < 100 | CFU/g |
|------------------|-------|-------|

**GU Pro STEC SLM.2: STEC Salmonella via AOAC PTM 092101 Analyzed 08/27/26**

|                 |        |          |                               |        |          |
|-----------------|--------|----------|-------------------------------|--------|----------|
| Salmonella spp. | Absent | CFU/25 g | Shiga toxin-producing E. coli | Absent | CFU/25 g |
|-----------------|--------|----------|-------------------------------|--------|----------|

**ICPMS.1: Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 08/31/26**

|              |       |             |              |        |             |
|--------------|-------|-------------|--------------|--------|-------------|
| Arsenic (As) | 0.438 | mg/kg (ppm) | Cadmium (Cd) | 0.0182 | mg/kg (ppm) |
| Lead (Pb)    | 0.492 | mg/kg (ppm) | Mercury (Hg) | 0.0270 | mg/kg (ppm) |

**KRA.2: 7-Hydroxymitragynine by LC-MS/MS Analyzed 08/28/26**

|                      |      |     |                                         |      |     |
|----------------------|------|-----|-----------------------------------------|------|-----|
| 7-Hydroxymitragynine | 12.5 | ppm | 7-Hydroxymitragynine (Dry Matter Basis) | 12.9 | ppm |
|----------------------|------|-----|-----------------------------------------|------|-----|

**MIT.2: Kratom Alkaloids by HPLC-UV via AOAC 2017.14 (Modified) Analyzed 08/26/26**

|                    |          |   |              |       |   |
|--------------------|----------|---|--------------|-------|---|
| Isorhynchophylline | < 0.0486 | % | Mitragynine  | 1.32  | % |
| Mitrphylline       | < 0.0486 | % | Paynantheine | 0.215 | % |
| Speciociliatine    | 0.391    | % | Speciogynine | 0.148 | % |
| Total Alkaloids    | 2.07     | % |              |       |   |

**Moisture.3: Moisture via AOAC 950.46 (Loss on Drying) Analyzed 09/01/26**

|          |      |             |
|----------|------|-------------|
| Moisture | 3.16 | g/100 g (%) |
|----------|------|-------------|

**STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 08/26/26**

|                       |       |       |
|-----------------------|-------|-------|
| Staphylococcus aureus | < 100 | CFU/g |
|-----------------------|-------|-------|

**YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 08/26/26**

|                |       |       |
|----------------|-------|-------|
| Yeast and Mold | < 100 | CFU/g |
|----------------|-------|-------|

Reported By Annalyssa M Vesely, Chemist II, 9/4/2026