

**Certificate of Analysis for**

OPAC Logistics Inc.

Pinellas Park, FL 33714

Phone: (646)744-7262

Analyses Pending

Received: 8/12/2025 @ 21.9 °C

Report ID: 2508500

Product for Chill Tree**Sample ID:** 2508500-004 CT0725GR-1**Kava.1: USP Monograph for Piper methysticum Root - Content of Kavalactones by HPLC-UV Analyzed 08/13/25**

| | | | | | |
|--------------------|--------|-------|--------------------|-------|-------|
| Desmethoxyyangonin | 0.0317 | mg/mL | Dihydrokawain | 0.142 | mg/mL |
| Dihydromethysticin | 0.0337 | mg/mL | Kawain | 0.213 | mg/mL |
| Methysticin | 0.0445 | mg/mL | Total Kavalactones | 0.544 | mg/mL |
| Yangonin | 0.0798 | mg/mL | | | |

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 08/13/25

| | | | | | |
|----------------------|---------|-------|--------------------|---------|-------|
| 7-Hydroxymitragynine | < 0.100 | mg/mL | Isorhynchophylline | < 0.100 | mg/mL |
| Mitragynine | < 3.62 | mg/mL | Mitraphylline | < 0.100 | mg/mL |
| Paynantheine | < 0.100 | mg/mL | Speciociliatine | < 0.100 | mg/mL |
| Speciogynine | < 0.100 | mg/mL | Total Alkaloids | 2.12 | mg/mL |

Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 8/13/2025