

# Certificate of Analysis

## HYD Cherry

Client: High Limit



### Analysis Summary

|                               | mg/serving |
|-------------------------------|------------|
| Mitragynine                   | 21.938     |
| 7-OH Mitragynine              | 18.083     |
| Paynantheine                  | 0.466      |
| Speciogynine                  | 0.149      |
| Speciociliatine               | 0.244      |
| Corynantheidine               | 0.204      |
| Mitraphylline                 | ND         |
| 9-O-desmethyl Mitragynine     | ND         |
| Corynoxine B                  | ND         |
| Ajmalicine                    | ND         |
| Isomitraphylline              | ND         |
| Mitraciliatine                | ND         |
| Mitragynine pseudoindoxyl     | 0.15       |
| MGM-15 (CAS No. 1158901-38-2) | 17.18      |
| Total Quantified Alkaloids    | 58.41      |

**Sample Name:**

HYD Cherry

**Matrix:**

Other

**Serving Mass:**

0.7782 g per serving

**Sample ID:**

85260527-4E

**Date Received:**

5/27/26

*Marie*

Approved By:

Marie True, M.S.

Laboratory Manager

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**References:** limit of quantitation (LOQ), not detected (ND), not tested (NT)

# Certificate of Analysis

## Kratom Alkaloid Analysis

Complete

| Analyte                       | LOD (%) | LOQ (%) | Mass (%) | Mass (mg/g) | Mass (mg/serving) |  |
|-------------------------------|---------|---------|----------|-------------|-------------------|--|
| Mitragynine                   | 0.016   | 0.049   | 2.8191   | 28.191      | 21.94             |  |
| 7-OH Mitragynine              | 0.019   | 0.058   | 2.3237   | 23.237      | 18.08             |  |
| Paynantheine                  | 0.022   | 0.066   | 0.0599   | 0.599       | 0.47              |  |
| Speciogynine                  | 0.019   | 0.056   | 0.0192   | 0.192       | 0.15              |  |
| Speciociliatine               | 0.018   | 0.054   | 0.0314   | 0.314       | 0.24              |  |
| Corynantheidine               | 0.024   | 0.073   | 0.0262   | 0.262       | 0.20              |  |
| Mitraphylline                 | 0.017   | 0.052   | ND       | ND          | ND                |  |
| 9-O-desmethyl Mitragynine     | 0.017   | 0.050   | ND       | ND          | ND                |  |
| Corynoxine B                  | 0.022   | 0.066   | ND       | ND          | ND                |  |
| Ajmalicine                    | 0.024   | 0.071   | ND       | ND          | ND                |  |
| Isomitraphylline              | 0.019   | 0.057   | ND       | ND          | ND                |  |
| Mitraciliatine                | 0.020   | 0.060   | ND       | ND          | ND                |  |
| Mitragynine pseudoindoxyl     | 0.033   | 0.098   | 0.019    | 0.19        | 0.15              |  |
| MGM-15 (CAS No. 1158901-38-2) | 0.011   | 0.03    | 2.207    | 22.07       | 17.18             |  |
| Total Quantified Alkaloids    |         |         | 7.5058   | 75.058      | 58.41             |  |

### Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.