

# Certificate of Analysis

## Psudo Blue Razz

Client: High Limit



### Analysis Summary

|                               | mg/serving |
|-------------------------------|------------|
| Mitragynine                   | 23.260     |
| 7-OH Mitragynine              | ND         |
| Paynantheine                  | 3.195      |
| Speciogynine                  | 1.951      |
| Speciociliatine               | 0.960      |
| Corynantheidine               | 0.335      |
| Mitraphylline                 | ND         |
| 9-O-desmethyl Mitragynine     | ND         |
| Corynoxine B                  | ND         |
| Ajmalicine                    | ND         |
| Isomitraphylline              | ND         |
| Mitraciliatine                | ND         |
| Mitragynine pseudoindoxyl     | 4.25       |
| MGM-15 (CAS No. 1158901-38-2) | 24.69      |
| Total Quantified Alkaloids    | 58.64      |

#### Sample Name:

Psudo Blue Razz

#### Matrix:

Other

#### Serving Mass:

0.9748 g per serving

#### Sample ID:

85260527-3E

#### 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) |             |
|--------------------------------------|---------|---------|----------|-------------|-------------------|-------------|
| <b>Mitragynine</b>                   | 0.016   | 0.049   | 2.3861   | 23.861      | 23.26             | <div></div> |
| 7-OH Mitragynine                     | 0.019   | 0.058   | ND       | ND          | ND                |             |
| <b>Paynantheine</b>                  | 0.022   | 0.066   | 0.3278   | 3.278       | 3.19              | <div></div> |
| <b>Speciogynine</b>                  | 0.019   | 0.056   | 0.2002   | 2.002       | 1.95              | <div></div> |
| <b>Speciociliatine</b>               | 0.018   | 0.054   | 0.0984   | 0.984       | 0.96              | <div></div> |
| <b>Corynantheidine</b>               | 0.024   | 0.073   | 0.0344   | 0.344       | 0.34              | <div></div> |
| 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                |             |
| <b>Mitragynine pseudoindoxyl</b>     | 0.033   | 0.098   | 0.436    | 4.36        | 4.25              | <div></div> |
| <b>MGM-15 (CAS No. 1158901-38-2)</b> | 0.011   | 0.03    | 2.533    | 25.33       | 24.69             |             |
| <b>Total Quantified Alkaloids</b>    |         |         | 6.0157   | 60.157      | 58.64             |             |

### Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.

# Certificate of Analysis

## Psudo Strawberry

Client: High Limit



### Analysis Summary

|                               | mg/serving |
|-------------------------------|------------|
| Mitragynine                   | 20.415     |
| 7-OH Mitragynine              | ND         |
| Paynantheine                  | 2.855      |
| Speciogynine                  | 1.709      |
| Speciociliatine               | 0.867      |
| Corynantheidine               | 0.326      |
| Mitraphylline                 | ND         |
| 9-O-desmethyl Mitragynine     | ND         |
| Corynoxine B                  | ND         |
| Ajmalicine                    | ND         |
| Isomitraphylline              | ND         |
| Mitraciliatine                | ND         |
| Mitragynine pseudoindoxyl     | 4.25       |
| MGM-15 (CAS No. 1158901-38-2) | 24.42      |
| Total Quantified Alkaloids    | 54.85      |

#### Sample Name:

Psudo Strawberry

#### Matrix:

Other

#### Serving Mass:

0.9794 g per serving

#### Sample ID:

85260527-2E

#### 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) |             |
|--------------------------------------|---------|---------|----------|-------------|-------------------|-------------|
| <b>Mitragynine</b>                   | 0.016   | 0.049   | 2.0845   | 20.845      | 20.42             | <div></div> |
| 7-OH Mitragynine                     | 0.019   | 0.058   | ND       | ND          | ND                |             |
| <b>Paynantheine</b>                  | 0.022   | 0.066   | 0.2915   | 2.915       | 2.85              | <div></div> |
| <b>Speciogynine</b>                  | 0.019   | 0.056   | 0.1744   | 1.744       | 1.71              | <div></div> |
| <b>Speciociliatine</b>               | 0.018   | 0.054   | 0.0886   | 0.886       | 0.87              | <div></div> |
| <b>Corynantheidine</b>               | 0.024   | 0.073   | 0.0333   | 0.333       | 0.33              | <div></div> |
| 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                |             |
| <b>Mitragynine pseudoindoxyl</b>     | 0.033   | 0.098   | 0.434    | 4.34        | 4.25              | <div></div> |
| <b>MGM-15 (CAS No. 1158901-38-2)</b> | 0.011   | 0.03    | 2.494    | 24.94       | 24.42             |             |
| <b>Total Quantified Alkaloids</b>    |         |         | 5.6001   | 56.001      | 54.85             |             |

### Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.

# Certificate of Analysis

## SUDO - Berry Blast

Client: High Limit



### Analysis Summary

|                               | mg/serving |
|-------------------------------|------------|
| Mitragynine                   | 21.798     |
| 7-OH Mitragynine              | ND         |
| Paynantheine                  | 1.098      |
| Speciogynine                  | 0.856      |
| Speciociliatine               | 0.372      |
| Corynantheidine               | 0.479      |
| Mitraphylline                 | ND         |
| 9-O-desmethyl Mitragynine     | 0.086      |
| Corynoxine B                  | ND         |
| Ajmalicine                    | ND         |
| Isomitraphylline              | ND         |
| Mitraciliatine                | 0.718      |
| Mitragynine pseudoindoxyl     | 4.62       |
| MGM-15 (CAS No. 1158901-38-2) | 19.62      |
| Total Quantified Alkaloids    | 49.65      |

**Sample Name:**

SUDO - Berry Blast

**Matrix:**

Other

**Serving Mass:**

0.7895 g per serving

**Sample ID:**

85260519-9

**Date Received:**

5/19/26

*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) |             |
|-----------------------------------|-----------|----------|------------|-------------|-------------------|-------------|
| <b>Mitragynine</b>                | 0.016     | 0.049    | 2.7610     | 27.610      | 21.80             | <div></div> |
| 7-OH Mitragynine                  | 0.019     | 0.058    | ND         | ND          | ND                |             |
| <b>Paynantheine</b>               | 0.022     | 0.066    | 0.1391     | 1.391       | 1.10              | <div></div> |
| <b>Speciogynine</b>               | 0.019     | 0.056    | 0.1084     | 1.084       | 0.86              | <div></div> |
| <b>Speciociliatine</b>            | 0.018     | 0.054    | 0.0471     | 0.471       | 0.37              | <div></div> |
| <b>Corynantheidine</b>            | 0.024     | 0.073    | 0.0607     | 0.607       | 0.48              | <div></div> |
| Mitraphylline                     | 0.017     | 0.052    | ND         | ND          | ND                |             |
| <b>9-O-desmethyl Mitragynine</b>  | 0.017     | 0.050    | 0.0108     | 0.108       | 0.09              | <div></div> |
| 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                |             |
| <b>Mitraciliatine</b>             | 0.020     | 0.060    | 0.0910     | 0.910       | 0.72              | <div></div> |
| <b>Mitragynine pseudoindoxyl</b>  | 0.033     | 0.098    | 0.585      | 5.85        | 4.62              | <div></div> |
| <br>MGM-15 (CAS No. 1158901-38-2) | <br>0.011 | <br>0.03 | <br>2.486  | <br>24.86   | <br>19.62         |             |
| <br>Total Quantified Alkaloids    |           |          | <br>6.2886 | <br>62.886  | <br>49.65         |             |

### Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.