

## **CERTIFICATE OF ANALYSIS**

STATUS: RELEASED REVISION: 00

DATE: 12/19/2023

| Analysis ID No. | 233430      |
|-----------------|-------------|
| TDA License No. | 2020002     |
| ISO/IEC No.     | 1055838     |
| Purchase Order: | 20230822    |
| Page No.        | Page 1 of 2 |

| CUSTOMER INFORMATION                              | SAMPLE INFORMATION                                 |
|---|--|
| Client Name:                                      | Submitted Sample Name:                             |
| Sleepy Head Kratom                                | White Kratom                                       |
| Address:  | Submitted Sample Lot:                              |
| 2933 Vauxhall Road, Vauxhall, NJ, 07088, PO #1221 | N/A  |
| Phone Number:                                     | Submitted Sample Description:                      |
| N/A   | Green Powder in Black Mylar Bag; Stored at RM temp |
| Contact Name / Email:                             | Submitted Sample Product Type / Matrix:            |
| Andrew Graham / grahamandrew590@gmail.com         | Kratom Leaf Powder/ Plant Matter                   |

| ALKALOIDS ASSAY    |             |           |  |                           |                     |
|--------------------|-------------|-----------|--|---------------------------|---------------------|
| Analysis           | Test Method | LOQ       | Specifications   | Test Results              | Pass / Fail         |
| Mitragynine        | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                                 | 0.987 w/w%<br>9.869 mg/g  | Results<br>Reported |
| Paynantheine       | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                                 | 0.169 w/w%<br>1.685 mg/g  | Results<br>Reported |
| Speciogynine       | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                                 | 0.156 w/w%<br>1.564 mg/g  | Results<br>Reported |
| Speciociliatine    | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                                 | 0.437 w/w%<br>4.366 mg/g  | Results<br>Reported |
| 7-OH-Mitragynine   | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only<br>% of Total Alkaloids: NMT 2% | < 0.010 w/w%              | PASS                |
| Mitraphylline      | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                                 | < 0.010 w/w%              | Results<br>Reported |
| Isorhynchophylline | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                                 | < 0.010 w/w%              | Results<br>Reported |
| Corynoxine         | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                                 | < 0.010 w/w%              | Results<br>Reported |
| Total Alkaloids    | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                                 | 1.748 w/w%<br>17.484 mg/g | Results<br>Reported |

| TESTING FACILITY INFORMATION       | SAMPLE INFORMATION                                      |
|------------------------------------|---|
| Santé Laboratories                 | Santé Sample ID: 233430                                 |
| 8201 East Riverside Drive, STE 650 | Receipt Date: 12/11/2023 / 10:45 AM CST / C. Ritchie    |
| Austin, Texas 78744 USA            | Receipt Condition: Good Analysis Start Date: 12/11/2023 |

## ADDITIONAL REPORT NOTES

The reported results presented in this document is only applicable to samples submitted to Santé Laboratories for testing and may not represent the entire lot and/or batch produced by the manufacturer. ©2020 Santé Laboratories, LLC – All Rights Reserved

| VERSION HISTORY |                |                    |  |
|-----------------|----------------|--------------------|--|
| Version         | Effective Date | Summary of Changes |  |
| 00              | 12/19/2023     | Initial Release    |  |

Santé Laboratories, LLC - 8201 East Riverside Drive, STE 650, Austin, Texas 78744 USA Email: Testing@santelabs.com - Telephone: 512-309-5830 - Website: www.santelabs.com



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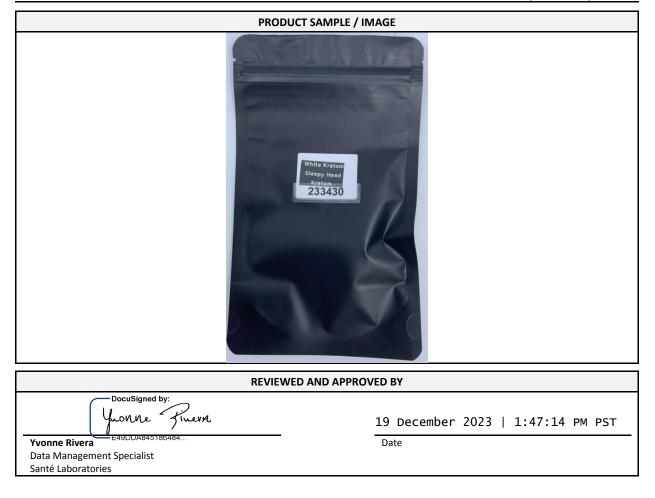
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