



# CERTIFICATE OF ANALYSIS

 STATUS: **RELEASED** REVISION: 00

DATE: 09/30/2020

 Analysis ID No. 201433  
 TDA License No. 2020002  
 ISO/IEC No. 1055838  
 Customer No. 20201421  
 Page No. Page 1 of 2

| CUSTOMER INFORMATION                   | SAMPLE INFORMATION                                      |
|--|---|
| <b>Company Name:</b>                   | <b>Submitted Sample Name:</b>                           |
| Steding & Sons Mercantile              | GW151910  |
| <b>Address:</b>                        | <b>Submitted Sample Lot:</b>                            |
| PO Box 200085; Austin, TX 78720 USA    | Not Provided  |
| <b>Phone Number:</b>                   | <b>Submitted Sample Description:</b>                    |
| 512-704-3680                           | Kratom Powder In Zip Loc Bag; Arrived/Stored at Room T. |
| <b>Contact Name / Email:</b>           | <b>Submitted Sample Product Type / Matrix:</b>          |
| Jeremy Steding / jeremy@1836kratom.com | Kratom Plant Matter / Leaf Powder                       |

| KRATOM ALKALOIDS  |             |           |   |                          |                  |
|-------------------|-------------|-----------|---|--------------------------|------------------|
| Analysis          | Test Method | LOQ       | Specifications  | Test Results             | Pass / Fail      |
| Mitaphylline      | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                              | ND                       | Results Reported |
| 7-OH-Mitragynine  | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only<br>% Total Alkaloids: NMT 2% | ND                       | PASS             |
| Isorynchophylline | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                              | ND                       | Results Reported |
| Paynantheine      | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                              | 0.223 w/w%<br>2.23 mg/g  | Results Reported |
| Speciogynine      | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                              | 0.230 w/w%<br>2.30 mg/g  | Results Reported |
| Mitragynine       | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                              | 1.511 w/w%<br>15.11 mg/g | Results Reported |
| Speciociliatine   | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                              | 0.329 w/w%<br>3.29 mg/g  | Results Reported |
| Total Alkaloids   | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only                              | 2.293 w/w%<br>22.93 mg/g | Results Reported |

| TESTING FACILITY INFORMATION   | SAMPLE INFORMATION  |
|--|---|
| <b>Santé Laboratories</b><br>8201 East Riverside Drive, STE 650<br>Austin, Texas 78744 USA | <b>Santé Sample ID:</b> 201433<br><b>Receipt Date:</b> 09/22/2020 / 11:20 AM / S. ORTEGA<br><b>Receipt Condition:</b> Good <b>Analysis Start Date:</b> 09/22/2020 |

| 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.<br>©2020 Santé Laboratories, LLC – All Rights Reserved |

| VERSION HISTORY |                |                    |
|-----------------|----------------|--------------------|
| Version         | Effective Date | Summary of Changes |
| 00              | 09/30/2020     | Initial Release    |



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## PRODUCT SAMPLE / IMAGE



## REVIEWED AND APPROVED BY

|   |           |          |
|---|-----------|----------|
| DocuSigned by:  |           |          |
| <i>Brian R Sloat</i>  | 9/30/2020 | DD-MM-YY |
| 51277B7C6FDA460...  | Date      |          |
| <b>Brian Sloat, Ph.D.</b><br>Chief Scientific Officer / Quality Manager<br>Santé Laboratories |           |          |