

CERTIFICATE OF ANALYSIS

STATUS: RELEASED REVISION: 00 DATE: 09/30/2020

 Analysis ID No.
 201434

 TDA License No.
 2020002

 ISO/IEC No.
 1055838

 Customer No.
 20201421

 Page No.
 Page 1 of 2

| CUSTOMER INFORMATION | SAMPLE INFORMATION |
|--|---|
| Company Name: | Submitted Sample Name: |
| Steding & Sons Mercantile | LL151910 |
| Address: | Submitted Sample Lot: |
| PO Box 200085; Austin, TX 78720 USA | Not Provided |
| Phone Number: | Submitted Sample Description: |
| 512-704-3680 | Kratom Powder In Zip Loc Bag; Arrived/Stored at Room T. |
| Contact Name / Email: | Submitted Sample Product Type / Matrix: |
| 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 mg/g: Report Only | ND | Results Reported |
| 7-OH-Mitragynine | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only % Total Alkaloids: NMT 2% | ND | PASS |
| Isorynchophylline | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only | ND | Results Reported |
| Paynantheine | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only | 0.227 w/w% 2.27 mg/g | Results Reported |
| Speciogynine | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only | 0.220 w/w% 2.20 mg/g | Results Reported |
| Mitragynine | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only | 1.412 w/w% 14.12 mg/g | Results Reported |
| Speciociliatine | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only | 0.364 w/w% 3.64 mg/g | Results Reported |
| Total Alkaloids | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only | 2.223 w/w% 22.23 mg/g | Results Reported |

| TESTING FACILITY INFORMATION | SAMPLE INFORMATION |
|------------------------------------|---|
| Santé Laboratories | Santé Sample ID: 201434 |
| 8201 East Riverside Drive, STE 650 | Receipt Date: 09/22/2020 / 11:20 AM / S. ORTEGA |
| Austin, Texas 78744 USA | Receipt Condition: Good Analysis Start Date: 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.

© 2020 Santé Laboratories, LLC – All Rights Reserved

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

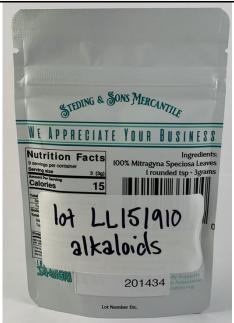


CERTIFICATE OF ANALYSIS

STATUS: RELEASED REVISION: 00 DATE: 09/30/2020

Analysis ID No. 201434
TDA License No. 2020002
ISO/IEC No. 1055838
Customer No. 20201421
Page No. Page 2 of 2

PRODUCT SAMPLE / IMAGE



####