



CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00

DATE: 09/19/2020

Analysis ID No. 201313
 TDA License No. 2020002
 ISO/IEC No. 1055838
 Customer No. 20201385
 Page No. Page 1 of 2

| CUSTOMER INFORMATION | SAMPLE INFORMATION |
|--|---|
| Company Name: | Submitted Sample Name: |
| Steding & Sons Mercantile | Green Means Go Kratom Powder |
| Address: | Submitted Sample Lot: |
| 13200 Pond Springs Rd, E39; Austin, TX 78729 USA | Not Provided |
| Phone Number: | Submitted Sample Description: |
| 512-704-3680 | 1 Oz Powdered Leaf; Arrived/Stored at Room Temp |
| Contact Name / Email: | Submitted Sample Product Type / Matrix: |
| August Day / august@1836kratom.com | Kratom Plant Matter / Powder |

| HEAVY METALS | | | | | |
|--------------|------------------------------|--------|-----------------|--------------|-------------|
| Analysis | Test Method | LOQ | Specifications | Test Results | Pass / Fail |
| Lead | USP <232> <233> by ICP-MS | 10 ppb | NMT 1,000 ppb | 459.8 ppb | PASS |
| Mercury | USP <232> <233> by ICP-MS | 5 ppb | NMT 500 ppb | 15.1 ppb | PASS |
| Arsenic | USP <232> <233> by ICP-MS | 10 ppb | NMT 1,500 ppb | 41.1 ppb | PASS |
| Cadmium | USP <232> <233> by ICP-MS | 10 ppb | NMT 300 ppb | 49.9 ppb | PASS |
| Nickel | USP <232> <233> by ICP-MS | 10 ppb | NMT 200,000 ppb | 2,146.0 ppb | PASS |

| MICROBIOLOGICAL | | | | | |
|----------------------------------|----------------|-----------|-----------------------|--------------|-------------|
| Analysis | Test Method | LOQ | Specifications | Test Results | Pass / Fail |
| Total Aerobic Plate Count (TAPC) | Isolation Agar | 20 CFU/gm | NMT 10,000,000 CFU/gm | 1,810 CFU/gm | PASS |
| Total Yeast & Mold (TYM) | Isolation Agar | 20 CFU/gm | NMT 100,000 CFU/gm | 340 CFU/gm | PASS |
| Escherichia coli (E.coli) | Isolation Agar | 1 CFU/25g | Absent | ND | PASS |
| Salmonella | Isolation Agar | 1 CFU/25g | Absent | ND | PASS |

| TESTING FACILITY INFORMATION | SAMPLE INFORMATION |
|--|--|
| Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA | Santé Sample ID: 201313 Receipt Date: 09/11/2020 / 2:00 PM / S. ORTEGA Receipt Condition: Good Analysis Start Date: 09/11/2020 |

| 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. Microbiological specifications follow AHPA guidelines for botanical ingredients. ©2020 Santé Laboratories, LLC – All Rights Reserved |

| VERSION HISTORY | | |
|-----------------|----------------|--------------------|
| Version | Effective Date | Summary of Changes |
| 00 | 09/19/2020 | Initial Release |



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PRODUCT SAMPLE / IMAGE



REVIEWED AND APPROVED BY

DocuSigned by:

Brian R Sloat

9/19/2020

DD-MM-YY

Brian Sloat, Ph.D.
Chief Scientific Officer / Quality Manager
Santé Laboratories

Date