



# CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 01

DATE: 03/14/2023

Analysis ID No. 225362  
 TDA License No. 2020002  
 ISO/IEC No. 1055838  
 Purchase Order: 20221458  
 Page No. Page 1 of 2

| CUSTOMER INFORMATION   | SAMPLE INFORMATION   |
|--|--|
| <b>Client Name:</b><br>Kats Kratom                                     | <b>Submitted Sample Name:</b><br>15mg Kratom Gummy 3.6g – Raspberry Lime                     |
| <b>Address:</b><br>6300 N. Andrews Ave #297, Fort Lauderdale, FL 33309 | <b>Submitted Sample Lot:</b><br>PG111822-32  |
| <b>Phone Number:</b><br>877-301-9923                                   | <b>Submitted Sample Description:</b><br>Red Gummies in White / Clear Packaging; Stored at RT |
| <b>Contact Name / Email:</b><br>N/A                                    | <b>Submitted Sample Product Type / Matrix:</b><br>Kratom Extract / Edibles                   |

| 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<br>mg/unit: Report Only*                                 | 0.523 w/w%<br>5.226 mg/g<br>18.814 mg/unit | Results Reported |
| Paynantheine       | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only<br>mg/unit: Report Only*                                 | 0.058 w/w%<br>0.576 mg/g<br>2.075 mg/unit  | Results Reported |
| Speciogynine       | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only<br>mg/unit: Report Only*                                 | 0.036 w/w%<br>0.359 mg/g<br>1.291 mg/unit  | Results Reported |
| Speciociliatine    | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only<br>mg/unit: Report Only*                                 | 0.017 w/w%<br>0.172 mg/g<br>0.619 mg/unit  | Results Reported |
| 7-OH-Mitragynine   | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only<br>mg/unit: 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<br>mg/unit: Report Only*                                 | < 0.010 w/w%                               | Results Reported |
| Isorhynchophylline | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only<br>mg/unit: Report Only*                                 | < 0.010 w/w%                               | Results Reported |
| Corynoxine         | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only<br>mg/unit: Report Only*                                 | < 0.010 w/w%                               | Results Reported |
| Total Alkaloids    | UHPLC-DAD   | 0.01 w/w% | w/w%: Report Only<br>mg/g: Report Only<br>mg/unit: Report Only*                                 | 0.633 w/w%<br>6.333 mg/g<br>22.799 mg/unit | Results Reported |

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

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

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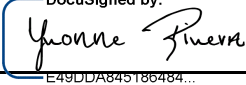
| HEAVY METALS ASSAY |                              |             |                  |              |             |
|--------------------|------------------------------|-------------|------------------|--------------|-------------|
| Analysis           | Test Method                  | LOQ         | Specifications   | Test Results | Pass / Fail |
| Lead               | USP <232> <233><br>by ICP-MS | 0.01 mcg/g  | NMT 1.250 mcg/g  | 0.038 mcg/g  | PASS        |
| Mercury            | USP <232> <233><br>by ICP-MS | 0.005 mcg/g | NMT 0.200 mcg/g  | < LOQ        | PASS        |
| Arsenic            | USP <232> <233><br>by ICP-MS | 0.01 mcg/g  | NMT 1.000 mcg/g  | < LOQ        | PASS        |
| Cadmium            | USP <232> <233><br>by ICP-MS | 0.01 mcg/g  | NMT 0.400 mcg/g  | < LOQ        | PASS        |
| Nickel             | USP <232> <233><br>by ICP-MS | 0.05 mcg/g  | NMT 20.000 mcg/g | < LOQ        | PASS        |

| 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> 225362<br><b>Receipt Date:</b> 12/05/2022 / 02:00 PM CST / M. Husain<br><b>Receipt Condition:</b> Good <b>Analysis Start Date:</b> 12/06/2022 |

| 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. <b>Heavy metal specifications according to limits provided by Customer. Microbiological specifications follow AHPA guidelines for botanical extract. *3.6 gram UNIT WEIGHT PROVIDED BY CUSTOMER.</b> ©2020 Santé Laboratories, LLC – All Rights Reserved |

| VERSION HISTORY |                |  |
|-----------------|----------------|--|
| Version         | Effective Date | Summary of Changes   |
| 00              | 12/12/2022     | Initial Release  |
| 01              | 03/14/2023     | Updated Customer Information & The Additional Report Notes |

| PRODUCT SAMPLE / IMAGE  |
|---|
|  |

| REVIEWED AND APPROVED BY  |   |
|---|---|
| DocuSigned by:<br><br>E49DDA845186484...<br><b>Yvonne Rivera</b><br>Data Management Specialist<br>Santé Laboratories | 14 March 2023   2:14:17 PM PDT<br>_____<br>Date |