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# CERTIFICATE OF ANALYSIS

**STATUS:** RELEASED **REVISION:** 00
**DATE:** 03/07/2024

**Analysis ID No.** 240352
**TDA License No.** 2020002
**ISO/IEC No.** 1055838
**Purchase Order:** 20240092
**Page No.** Page 1 of 2

| CUSTOMER INFORMATION | SAMPLE INFORMATION |
|---|---|
| **Company Name:** | **Submitted Sample Name:** |
| Kats Botanicals | 3.6g Kratom 50mg Red Apple |
| **Address:** | **Submitted Sample Lot:** |
| 750 Hickory Industrial Drive, Old Hickory, TN 37138 | PG022824-32 |
| **Phone Number:** | **Submitted Sample Description:** |
| 877-301-9923 | Red Gummy in a White Resealable Bag; Stored at RT |
| **Contact Name / Email:** | **Submitted Sample Product Type / Matrix:** |
| Not Provided | Kratom Edible / Gummy |

**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* | 1.414 w/w%<br>14.140 mg/g<br>50.905 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* | 0.032 w/w%<br>0.323 mg/g<br>1.165 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* | 0.029 w/w%<br>0.289 mg/g<br>1.040 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* | 0.013 w/w%<br>0.135 mg/g<br>0.485 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* | 1.489 w/w%<br>14.888 mg/g<br>53.595 mg/unit | Results Reported |

| TESTING FACILITY INFORMATION | SAMPLE INFORMATION |
|---|---|
| **Santé Laboratories**<br>8201 East Riverside Drive, STE 650<br>Austin, Texas 78744 USA | **Santé Sample ID:** 240352<br>**Receipt Date:** 03/06/2024 / 11:45 AM CST / C. Ritchie<br>**Receipt Condition:** Good **Analysis Start Date:** 03/06/2024 |

**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. ***Unit Weight: 3.600 grams, this was provided by the customer.**

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# CERTIFICATE OF ANALYSIS

**STATUS**: RELEASED **REVISION**: 00
**DATE**: 03/07/2024

| | |
|---|---|
| **Analysis ID No.** | 240352 |
| **TDA License No.** | 2020002 |
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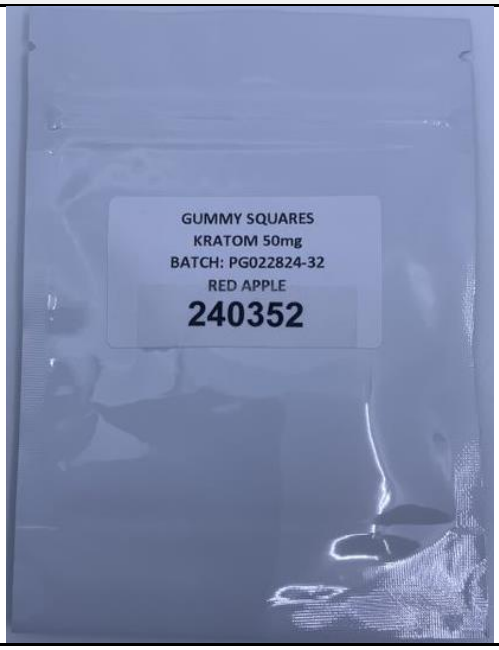
| **Purchase Order:** | 20240092 |
| **Page No.** | Page 2 of 2 |

| VERSION HISTORY | | |
|---|---|---|
| **Version** | **Effective Date** | **Summary of Changes** |
| 00 | 03/07/2024 | Initial Release |

**PRODUCT SAMPLE / IMAGE**




**REVIEWED AND APPROVED BY**

DocuSigned by:
Yvonne Rivera
E49DDA845186484...

**Yvonne Rivera**
Data Management Specialist
Santé Laboratories

07 March 2024 | 3:07:04 PM PST
Date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