ARL
Analytical Resource Laboratory
47-2854223
520 South 850 East, Suite B3
Lehi, UT 84043
801-847-7722
www.analyticalresource.com
info@yourqualitylab.com

# Certificate of Analysis

**Client Information**

Kats Botanicals
6330 N Andrews Ave #297
Fort Lauderdale, FL 33309
(877) 301-9923

**Sample Information**

ARL ID: 376598-1
Date Received: 10/23/2020
Description: Kratom Powder  Kratom Powder
Lot#: 0000936

| Analysis | Method | MDL | Specification | Results | UOM | Lab ID |
|---|---|---|---|---|---|---|
| Kratom 2A Profile | | | | | | 1 |
| Complete Micro Profile | USP, AOAC | | | | | 1 |
| Total Plate Count (High Count) | USP <2021> | 100 | < 10 Million | 210,000 | cfu's/g | 1 |
| Coliforms | AOAC 991.14 | 100 | < 10,000 | 7,200 | cfu's/g | 1 |
| E. coli | USP <2022> | Absent | Absent | Absent | cfu's/10g | 1 |
| Staphylococcus aureus | USP <2022> | Absent | Absent | Absent | cfu's/10g | 1 |
| Salmonella | USP <2022> | Absent | Absent | Absent | cfu's/10g | 1 |
| Yeast (High Count) | USP <2021> | 100 | < 100,000 | None Detected | cfu's/g | 1 |
| Mold (High Count) | USP <2021> | 100 | < 100,000 | 46,000 | cfu's/g | 1 |
| Heavy Metals | ARL ICPMS 2.60 | | | | | 1 |
| Arsenic (As) | ARL ICPMS 2.60 | 0.001 | < 2 | 0.251 | ppm | 1 |
| Cadmium (Cd) | ARL ICPMS 2.60 | 0.001 | < 0.85 | 0.028 | ppm | 1 |
| Mercury (Hg) | ARL ICPMS 2.60 | 0.001 | < 0.41 | 0.027 | ppm | 1 |
| Lead (Pb) | ARL ICPMS 2.60 | 0.001 | < 1.250 | 1.227 | ppm | 1 |
| Mitragynine Package | HPLC 2.046 | | | | | 1 |
| Mitragynine | HPLC 2.046 | 0.1 | 0.25-2.00 | 0.84 | % | 1 |
| 7-Hydroxy-Mitragynine | HPLC | 0.04 | 0.000-0.100 | <0.040 | % | 1 |

Notes:

+Revision: Updated specification for lead

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Released by: Kara Woodbury
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*** ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO-scoped methods is available upon request. Certificate and Supplement also available upon request.**

This Certificate of Analysis represents data only for the sample provided and does not constitute a guarantee of quality for the entire production lot.