



CERTIFICATE OF ANALYSIS

| | | | | | | | | |
|--------------------------------|-------------------------|---------------------------|---------------------|--|--------------------|---------------------------------|-------------------------|-------------|
| Sample(s) Receipt Date(s): | 9/26/2024 | Batch(s): | B240926-1 | | | | | |
| Received by: | JDR | Sample ID #: | 2409-266 | | | | | |
| Customer Name/ID: | 7TABZ Distribution | Date of Analysis/Testing: | 9/27/24 - 10/3/2024 | | | | | |
| Product/Sample Name | 7Hydroxy-Unflavored | Lot # | 490924 |  | | | | |
| Final Disposition | PASS | Method Group | | Date | Unit Weight (g) | Concentration (mg 7OH-Mit/Unit) | Kratom [7OH-Mit] (g/g%) | Disposition |
| | | Kratom Alkaloids | | 9/27/2024 | 0.6921 | 15 | 2.17% | N/A |
| | | Volatile Solvents | | 9/30/2024 | | | | PASS |
| | | Heavy Metals | | 10/1/2024 | | | | PASS |
| Microbiological | | 10/2/2024 | PASS | | | | | |
| Method Group | Analyte / Property | LOD (mg/g) | LOQ (mg/g) | Results (%) | Results (mg/g) | Results (mg/Unit) | Acceptance Criteria | Disposition |
| Kratom Alkaloids | Mitragynine | 0.125 | 0.2604 | 0.02% | 0.19 | 0.13 | N/A | N/A |
| | 7OH-Mitragynine | 0.125 | 0.2604 | 2.17% | 21.74 | 15.04 | | |
| | Paynantheine | 0.125 | 0.2604 | ND | N/A | N/A | | |
| | Speciogynine | 0.125 | 0.2604 | ND | N/A | 0.18 | N/A | |
| | Speciosciltane | 0.125 | 0.2604 | 0.03% | 0.26 | | | |
| | Mitraphylline | 0.125 | 0.2604 | ND | N/A | N/A | N/A | |
| | Isorhynchophylline | 0.125 | 0.2604 | ND | N/A | | | |
| | Total Alkaloids | | | | 2.22% | 22.19 | 15.36 | N/A |
| Method Group | Analyte / Property | LOD (mg/g) | LOQ (mg/g) | Results (ug/g) | Results (ug/Unit) | Limit Amount (ug/g) | Disposition | |
| Volatile Solvents (Category 1) | 1,2-Dichloroethane | 0.170 | 0.509 | ND | N/A | 1 | PASS | |
| | Benzene | 0.021 | 0.064 | ND | N/A | 1 | PASS | |
| | Chloroform | 0.036 | 0.108 | ND | N/A | 1 | PASS | |
| | Ethylene Oxide | 0.153 | 0.579 | ND | N/A | 1 | PASS | |
| | Methylene Chloride | 0.127 | 0.729 | ND | N/A | 1 | PASS | |
| | Trichloroethene | 0.018 | 0.145 | ND | N/A | 1 | PASS | |
| Volatile Solvents (Category 2) | Acetone | 17.082 | 51.246 | 47.8 | 33.08 | 5000 | PASS | |
| | Acetonitrile | 0.120 | 0.359 | 1.920 | 1.33 | 410 | PASS | |
| | Butane | 0.971 | 4.849 | ND | N/A | 5000 | PASS | |
| | Ethanol | 2.614 | 7.843 | ND | N/A | 5000 | PASS | |
| | Ethyl Acetate | 0.313 | 2.288 | 162.0 | 112.13 | 5000 | PASS | |
| | Diethyl Ether | 1.183 | 3.548 | ND | N/A | 5000 | PASS | |
| | Heptane | 0.687 | 2.859 | ND | N/A | 5000 | PASS | |
| | Hexane | 0.066 | 0.281 | ND | N/A | 290 | PASS | |
| | Isopropanol | 1.280 | 3.840 | ND | N/A | 5000 | PASS | |
| | Methanol | 2.972 | 8.917 | 256.0 | 177.19 | 3000 | PASS | |
| | Pentane | 0.962 | 4.271 | ND | N/A | 5000 | PASS | |
| | Propane | 4.434 | 13.302 | ND | N/A | 5000 | PASS | |
| | Toluene | 0.088 | 0.864 | ND | N/A | 890 | PASS | |
| | Xylenes (-m + -o + -p) | 0.216 | 2.572 | ND | N/A | 2170 | PASS | |
| | Method Group | Analyte / Property | LOD (mg/g) | LOQ (mg/g) | Results (ug/g) | Results (ug/Unit) | Limit Amount (ug/g) | Disposition |
| Heavy Metals | Arsenic | 0.003 | 0.009 | 0.020 | 0.01 | 0.2 | PASS | |
| | Cadmium | 0.001 | 0.002 | 0.062 | 0.04 | 0.2 | PASS | |
| | Lead | 0.001 | 0.004 | 0.030 | 0.02 | 0.5 | PASS | |
| | Mercury | 0.005 | 0.014 | ND | N/A | 1 | PASS | |
| Method Group | Analyte / Property | LOD (CFU/g) | LOQ (CFU/g) | Results (CFU/g) | Results (CFU/Unit) | Limit Amount (CFU/g) | Disposition | |
| Microbiological | Aerobic Plate Count | 10 | 10 | ND | N/A | N/A | PASS | |
| | Total Coliform Bacteria | 10 | 10 | ND | N/A | N/A | PASS | |
| | E. Coli | 10 | 10 | ND | N/A | N/A | PASS | |
| | Yeast & Mold | 10 | 10 | ND | N/A | N/A | PASS | |
| | Salmonella | 10 | 10 | NOT TESTED | N/A | N/A | N/A | |
| | | | | | | | | |

NOTES: <LOQ = Below limit of Quantitation / ND = Not Detected (Below limit of Detection (<LOD)) / 1µg/mL = 1ppm / 1000µg/mL = 1mg/mL / 1% = 10mg/g

Performed by/Date: _____

Checked by/Date: _____

Notes: This Certificate of analysis only reflects data for the samples indicated on this form, as received by NNA in a good condition. There have been no amendments to the data since publishing. This report contains all parts of the complete report.

