




CERTIFICATE OF ANALYSIS

| | | | |
|----------------------------|--------------------|---------------------------|------------------------|
| Sample(s) Receipt Date(s): | 11/12/2024 | Batch(s): | B241112-9 |
| Received by: | JDR | Sample ID #: | 2411-153 |
| Customer Name/ID: | 7TABZ Distribution | Date of Analysis/Testing: | 11/19/2024 - 12/6/2024 |

| | | | | |
|---------------------|-------|-------|--------|--|
| Product/Sample Name | Berry | Lot # | 109624 |  |
|---------------------|-------|-------|--------|--|

| Final Disposition | PASS | Method Group | Date | Unit Weight (g) | Concentration (mg 7OH-Mit/Unit) | Kratom [7OH-Mit] (g/g%) | Disposition |
|-------------------|------|-------------------|------------------------|-----------------|---------------------------------|-------------------------|-------------|
| | | Kratom Alkaloids | 11/19/2024 | 0.7541 | 15 | 1.99% | N/A |
| | | Volatile Solvents | 11/22/2024 | | | | PASS |
| | | Heavy Metals | 11/22/2024 | | | | PASS |
| | | Microbiological | 11/27/2024 - 12/6/2024 | | | | 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% | 0.20 | 0.15 | N/A | N/A |
| | 7OH-Mitragynine | 0.125 | 0.2604 | 1.68% | 16.82 | 12.69 | | |
| | Paynantheine | 0.125 | 0.2604 | ND | N/A | 0.19 | N/A | N/A |
| | Speciogynine | 0.125 | 0.2604 | ND | N/A | | | |
| | Speciosciltane | 0.125 | 0.2604 | 0.03% | 0.25 | | | |
| | Mitraphylline | 0.125 | 0.2604 | ND | N/A | N/A | N/A | N/A |
| | Isorhynchophylline | 0.125 | 0.2604 | ND | N/A | | | |
| | Total Alkaloids | | | | 1.73% | 17.28 | 13.03 | 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 | 78.9 | 59.5 | 5000 | PASS |
| | Acetonitrile | 0.120 | 0.359 | 4.28 | 3.23 | 410 | PASS |
| | Butane | 0.971 | 4.849 | ND | N/A | 5000 | PASS |
| | Ethanol | 2.614 | 7.843 | 55.6 | 41.9 | 5000 | PASS |
| | Ethyl Acetate | 0.313 | 2.288 | 290 | 219 | 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 | <LOQ | N/A | 5000 | PASS |
| | Methanol | 2.972 | 8.917 | 413 | 311 | 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 | <LOQ | 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 | 0.0635 | 0.0479 | 0.2 | PASS |
| | Cadmium | 0.001 | 0.002 | 0.0137 | 0.0103 | 0.2 | PASS |
| | Lead | 0.001 | 0.004 | 0.0484 | 0.0365 | 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 (RETEST) | N/A | N/A | PASS |
| | Salmonella | 10 | 10 | ND | N/A | N/A | PASS |

NOTES: <LOQ = Below limit of Quantitation / ND = Not Detected (Below limit of Detection (<LOD)) / 1ug/mL = 1ppm / 1000ug/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. Revision 1 includes the salmonella test data completed on December 4th, 2024 and the yeast & mold retest data completed on December 6th, 2024. This report contains all parts of the complete report.

