



| CERTIFICATE OF ANALYSIS        |                            |                   |                           |                       |                    |                      |                     |             |
|--------------------------------|----------------------------|-------------------|---------------------------|-----------------------|--------------------|----------------------|---------------------|-------------|
| Sample(s) Receipt Date(s):     | 12/17/2024 - 12/26/2024    |                   | Batch(s):                 | B241217-4 & B241226-1 |                    |                      |                     |             |
| Received by:                   | JDR                        |                   | Sample ID #:              | 2412-233 & 2412-365   |                    |                      |                     |             |
| Customer Name/ID:              | Savage Enterprises         |                   | Date of Analysis/Testing: | 12/30/2024 - 1/2/2025 |                    |                      |                     |             |
| Product/Sample Name            | PureOHMS Citrus Splash     | Lot #             | N/A                       |                       |                    |                      |                     |             |
| Final Disposition              | PASS                       | Method Group      |                           | Date                  | Unit Weight (g)    | Disposition          |                     |             |
|                                |                            | Kratom Alkaloids  |                           | 12/17/2024            | 0.3457             | N/A                  |                     |             |
|                                |                            | Volatile Solvents |                           | 12/31/2024            |                    | PASS                 |                     |             |
|                                |                            | Heavy Metals      |                           | 12/30/2024            |                    | PASS                 |                     |             |
|                                |                            | Microbiological   |                           | 1/2/2025              |                    | 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                    | 0.03%                 | 0.34               | 0.12                 | N/A                 | N/A         |
|                                | Mitragynine Pseudoindoxyl* | 0.125             | 0.2604                    | 0.19%                 | 1.89               | 0.65                 |                     |             |
|                                | 7OH-Mitragynine            | 0.125             | 0.2604                    | 6.04%                 | 60.40              | 20.88                |                     |             |
|                                | Paynantheine               | 0.125             | 0.2604                    | ND                    | N/A                |                      | N/A                 |             |
|                                | Speciogynine               | 0.125             | 0.2604                    | 0.03%                 | 0.28               | 0.10                 | N/A                 |             |
|                                | Speciosciltane             | 0.125             | 0.2604                    | 0.12%                 | 1.20               | 0.41                 | N/A                 |             |
|                                | Mitraphylene               | 0.125             | 0.2604                    | ND                    | N/A                |                      | N/A                 |             |
|                                | Isorhynchophylline         | 0.125             | 0.2604                    | ND                    | N/A                |                      | N/A                 |             |
|                                | <b>Total Alkaloids</b>     |                   |                           |                       | <b>6.41%</b>       | <b>64.11</b>         | <b>22.16</b>        | <b>N/A</b>  |
| 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                    | ND                    | N/A                | 5000                 | PASS                |             |
|                                | Acetonitrile               | 0.120             | 0.359                     | ND                    | N/A                | 410                  | PASS                |             |
|                                | Butane                     | 0.971             | 4.849                     | ND                    | N/A                | 5000                 | PASS                |             |
|                                | Ethanol                    | 2.614             | 7.843                     | 1.26                  | 0.436              | 5000                 | PASS                |             |
|                                | Ethyl Acetate              | 0.313             | 2.288                     | 1010                  | 349                | 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                     | 8.87                  | 3.07               | 5000                 | PASS                |             |
|                                | Methanol                   | 2.972             | 8.917                     | 1110                  | 384                | 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                     | 21.5                  | 7.43               | 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                     | 0.0723                | 0.0250             | 0.2                  | PASS                |             |
|                                | Cadmium                    | 0.001             | 0.002                     | 0.0349                | 0.0121             | 0.2                  | PASS                |             |
|                                | Lead                       | 0.001             | 0.004                     | 0.0149                | 0.0052             | 0.5                  | PASS                |             |
|                                | Mercury                    | 0.005             | 0.014                     | 0.0025                | 0.0009             | 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                        | 100                   | 34.6               | N/A                  | PASS                |             |
|                                |                            |                   |                           |                       |                    |                      |                     |             |

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: **Jake Rubenstein** Digitally signed by Jake Rubenstein  
 Date: 2025.01.14 14:47:12 -08'00'

Checked by/Date: **Rebecca Dobkins** Digitally signed by Rebecca Dobkins  
 Date: 2025.01.14 14:47:55 -08'00'

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.

\*Mitragynine pseudoindoxyl reported on this COA has had its method validated by NN Analytics, but not by ANAB, and is therefore not an ISO17025 accredited work item. All other analytes are included on NN Analytics' ISO17025 scope, and are accredited work items.

