




# CERTIFICATE OF ANALYSIS

|                                    |   |                           |  |                |                   |                     |                         |                      |             |
|------------------------------------|---|---------------------------|--|----------------|-------------------|---------------------|-------------------------|----------------------|-------------|
| Sample(s) Receipt Date(s):         | 3/2/2026                                | Batch(s):                 | B260302-5  |                |                   |                     |                         |                      |             |
| Received by:                       | NR                                      | Sample ID #:              | 2603-022   |                |                   |                     |                         |                      |             |
| Customer Name/ID:                  | Test My Kratom (TMK)                    | Date of Analysis/Testing: | 3/3/2026 - 3/5/2026  |                |                   |                     |                         |                      |             |
| Product/ Sample Name               | Powder Solutions 20mg Grape 7-OH tablet | Lot #                     | 2026-03  |                |                   |                     |                         |                      |             |
|                                    |   |                           |  |                |                   |                     |                         |                      |             |
| Final Disposition                  | PASS                                    | Method Group              | Method ID  | Date           | Unit Weight (g)   | Analyte             | Concentration (mg/Unit) | Concentration (mg/g) | Disposition |
|                                    |   | Kratom Alkaloids          | WKI-03-0107 HPLC/DAD   | 3/3/2026       | 0.6285            | 7OH-Mitragynine     | 20                      | 32                   | N/A         |
|                                    |   | Kratom Alkaloids          | WKI-03-0102 GC/MS  | 3/4/2026       |                   | N/A                 |                         |                      |             |
|                                    |   | Volatile Solvents         | GC/MS  | 3/5/2026       |                   | N/A                 |                         |                      |             |
| 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   | ND             | N/A               | N/A                 |                         |                      |             |
|                                    | Mitragynine Pseudoindoxyl               | 0.125                     | 0.2604   | 0.03%          | 0.29              | 0.18                |                         | N/A                  |             |
|                                    | 7OH-Mitragynine                         | 0.125                     | 0.2604   | 2.88%          | 28.80             | 18.10               |                         | N/A                  |             |
|                                    | Paynantheine                            | 0.125                     | 0.2604   | ND             | N/A               | N/A                 |                         |                      |             |
|                                    | Speciogynine                            | 0.125                     | 0.2604   | <LOQ           | N/A               | N/A                 |                         |                      |             |
|                                    | Speciociliatine                         | 0.125                     | 0.2604   | 0.08%          | 0.80              | 0.50                |                         | N/A                  |             |
|                                    | Mitraphylline                           | 0.125                     | 0.2604   | ND             | N/A               | N/A                 |                         |                      |             |
|                                    | Isorhynchophylline                      | 0.125                     | 0.2604   | ND             | N/A               | N/A                 |                         |                      |             |
|                                    | MGM-15                                  | 0.125                     | 0.2604   | ND             | N/A               | N/A                 |                         |                      |             |
|                                    | <b>Total Alkaloids</b>                  |                           |  | <b>2.99%</b>   | <b>29.89</b>      | <b>18.79</b>        |                         | <b>N/A</b>           |             |
| Kratom Alkaloids WKI-03-0102 GC/MS | Mitragynine**                           | N/A                       | N/A  | ND             | N/A               | N/A                 |                         |                      |             |
|                                    | Mitragynine Pseudoindoxyl**             | N/A                       | N/A  | Detected       | N/A               | N/A                 |                         |                      |             |
|                                    | 7OH-Mitragynine**                       | N/A                       | N/A  | Detected       | N/A               | N/A                 |                         |                      |             |
|                                    | Paynantheine**                          | N/A                       | N/A  | ND             | N/A               | N/A                 |                         |                      |             |
|                                    | Speciogynine**                          | N/A                       | N/A  | Detected       | N/A               | N/A                 |                         |                      |             |
|                                    | Speciociliatine**                       | N/A                       | N/A  | Detected       | N/A               | N/A                 |                         |                      |             |
|                                    | Mitraphylline**                         | N/A                       | N/A  | ND             | N/A               | N/A                 |                         |                      |             |
|                                    | Isorhynchophylline**                    | N/A                       | N/A  | ND             | N/A               | N/A                 |                         |                      |             |
|                                    | Rhynchophylline**                       | N/A                       | N/A  | ND             | N/A               | N/A                 |                         |                      |             |
|                                    | MGM15**                                 | N/A                       | N/A  | ND             | N/A               | N/A                 |                         |                      |             |
| <b>Total Alkaloids</b>             |   |                           |  |                |                   |                     | <b>N/A</b>              |                      |             |
| Method Group                       | Analyte / Property                      | LOD (µg/g)                | LOQ (µg/g)   | Results (µg/g) | Results (µg/Unit) | Limit Amount (µg/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  | ND             | N/A               | 5000                | PASS                    |                      |             |
|                                    | Ethyl Acetate                           | 0.313                     | 2.288  | 196            | 123               | 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  | ND             | N/A               | 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                    |                      |             |

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. This report contains all parts of the complete report.  
 \*Dihydro-7-hydroxy Mitragynine (MGM-15) and isoquinoline alkaloids reported with an asterisk (\*) on this COA have had their method validated by NN Analytics, but not by ANAB, and is therefore not an ISO17025 accredited work item.  
 \*\*All analytes on WKI-03-0102 Kratom Alkaloids by GC/MS reported on this COA with a double asterisk (\*\*) have had their method validated by NN Analytics, but not by ANAB, and is therefore not an ISO17025 accredited work item.

