

Certificate of Analysis

| Client Information                  |                 | Sample Information  |               |               |           |        |
|-------------------------------------|-----------------|---|---------------|---------------|-----------|--------|
|                                     |                 | Date Received: 6/14/2024<br>Description: MS Powder 2<br>Lot#: OA0083X |               |               |           |        |
| Results                             |                 |   |               |               |           |        |
| Analysis                            | Method          | †MDL / LOQ  | Specification | Results       | UOM       | Lab ID |
| Complete Micro Profile (High Count) | USP, AOAC       |   |               |               |           | 1      |
| Total Plate Count (High Count)      | USP <2021>      | 100   | Record Only   | 30,000        | cfu's/g   | 1      |
| Coliforms                           | AOAC 991.14     | 100   | Record Only   | None Detected | cfu's/g   | 1      |
| E. coli                             | USP <2022>      | Absent  | Record Only   | Absent        | cfu's/10g | 1      |
| Staphylococcus aureus               | USP <2022>      | Absent  | Record Only   | Absent        | cfu's/10g | 1      |
| Salmonella                          | USP <2022>      | Absent  | Record Only   | Absent        | cfu's/10g | 1      |
| Yeast (High Count)                  | USP <2021>      | 100   | Record Only   | None Detected | cfu's/g   | 1      |
| Mold (High Count)                   | USP <2021>      | 100   | Record Only   | None Detected | cfu's/g   | 1      |
| Heavy Metals                        | ARL ICPMS 8.016 |   |               |               |           | 1      |
| Arsenic (As)                        | ARL ICPMS 8.016 | 0.001   | Record Only   | 0.134         | ppm       | 1      |
| Cadmium (Cd)                        | ARL ICPMS 8.016 | 0.001   | Record Only   | 0.019         | ppm       | 1      |
| Mercury (Hg)                        | ARL ICPMS 8.016 | 0.001   | Record Only   | 0.020         | ppm       | 1      |
| Lead (Pb)                           | ARL ICPMS 8.016 | 0.001   | Record Only   | 0.354         | ppm       | 1      |
| FT-IR Analysis                      | ARL 8.012       | 0.1   | > 95          | 97.3          | %         | 1      |

<sup>†</sup>Method Detection Limit (MDL):  
In microbiological testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None Detected", it means any visible growth was below this limit.

<sup>†</sup>Limit of Quantitation (LOQ):