

## Certificate of Analysis

### Client Information

### Sample Information

Date Received: 3/14/2024  
Date Tested: 3/21/2024  
Description: MS Powder 1  
Lot#: OA0047Y

### 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   | 3,300         | 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      |
| FT-IR Analysis                      | ARL 8.012   | 0.1       | > 95          | 99.8          | %         | 1      |

#### 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.

#### Limit of Quantitation (LOQ):

In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.

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Released by: Spencer Ashby

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Page 1 of 1

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