

Certificate of Analysis

Client Information

Sample Information

Date Received: 2/9/2024
Date Tested: 2/16/2024
Description: MS Powder 16
Lot#: OA0016Y

Results

| Analysis | Method | MDL / LOQ | Specification | Results | UOM | Lab ID |
|--|-------------|-----------|---------------|---------------|-----------|--------|
| <u>Complete Micro Profile (High Count)</u> | USP, AOAC | | | | | 1 |
| Total Plate Count (High Count) | USP <2021> | 100 | Record Only | 2,000 | 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 |
| FT-IR Analysis | ARL 8.012 | 0.1 | > 95 | 99.5 | % | 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.

Under accreditation number 77504, ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO-scoped methods is available upon request. Certificate and scope are also available upon request.