

## Certificate of Analysis

### Client Information

### Sample Information

Date Received: 2/27/2024  
Date Tested: 3/5/2024  
Description: MS Powder 3  
Lot#: OA0044X

### 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	7,000	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	1,000	cfu's/g	1
FT-IR Analysis	ARL 8.012	0.1	> 95	99.4	%	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.**

