

## Certificate of Analysis

### Sample Information

Date Received: 5/28/2025  
Description: MS Powder 4

Analysis	Method	Results					UOM	Lab ID
		MDL / LOQ	Specification	Results				
Complete Micro Profile (High Count)	USP, AOAC							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

**Method Detection Limit (MDL):**

In microbiologic 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/IEC 17025:2017 methods are available upon request. Certificate and scope are also available upon request.**