

## Certificate of Analysis

### Client Information

### Sample Information

Date Received: 6/14/2024  
Description: MS Powder 1  
Lot#: OA0086X

Analysis	Method	Results				UOM	Lab ID
		†MDL / LOQ	Specification	Results			
<u>Complete Micro Profile (High Count)</u>	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
<u>Heavy Metals</u>	ARL ICPMS 8.016						1
Arsenic (As)	ARL ICPMS 8.016	0.001	Record Only	0.107	ppm		1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	0.034	ppm		1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	0.008	ppm		1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.190	ppm		1
FT-IR Analysis	ARL 8.012	0.1	> 95	99.6	%		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):