

Certificate of Analysis

Client Information

Sample Information

Date Received: 12/12/2024
 Description: MS Powder 1
 Lot#: OA0142X

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	180,000	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	0.453	ppm		1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	0.064	ppm		1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	0.013	ppm		1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.226	ppm		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.