Analytical Resource Laboratories
A Tentamus Company
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520 South 850 East, Suite B3
Lehi, UT 84043
801-847-7722
www.analyticalresource.com
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Certificate of Analysis

Sample Information

Date Received: 5/28/2025
Description: MS Powder 7

Results

Analysis	Method	MDL / LOQ	Specification	Results	UOM	Lab ID
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.

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Certificate of Analysis

Sample Information

Date Received: 5/28/2025
Description: MS Powder 25

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
Heavy Metals	ARL ICPMS 8.016					1
Arsenic (As)	ARL ICPMS 8.016	0.001	Record Only	0.494	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	0.027	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	0.029	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.516	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.

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