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## Certificate of Analysis

### Sample Information

Date Received: 10/31/2024  
Description: MS Powder 4

### Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>Heavy Metals</u>	ARL ICPMS 8.016					1
Arsenic (As)	ARL ICPMS 8.016	0.001	Record Only	0.045	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	0.013	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.623	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.

**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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Released by: Spencer Ashby

Date Released: 11/7/2024

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