



Analytical Resource Laboratories

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Certificate of Analysis

Client Information



Sample Information

ARL ID: [REDACTED]
Date Received: 4/24/2023
Date Tested: 4/28/2023
Description: TPL L-Citrulline UF (240 GM) EMP General
Lot#: 23041166
Serving Size: 2 g

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>Complete Micro Profile, HM (Rapid)</u>	USP, AOAC, ICP-MS					1
Total Plate Count	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	10	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 and Mold (Rapid)	AOAC 2014.05	100	Record 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	< 10	0.037	mcg/Serving	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	< 4.1	<0.001	mcg/Serving	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	< 10	0.005	mcg/Serving	1
Lead (Pb)	ARL ICPMS 8.016	0.001	< 0.5	0.006	mcg/Serving	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):

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.

Form: arlcoa031201a Report: [REDACTED]

experience • professionalism • value

Released by: Jacob Teller

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This Certificate of Analysis represents data only for the sample provided. It does not constitute a guarantee of quality for the entire production lot.

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Under accreditation number 77504, ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO-scoped methods is available upon request. Certificate and scope are also available upon request.

