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Client Information



Certificate of Analysis

Sample Information

ARL ID: Date Received: 7/17/2023 Date Tested: 7/27/2023 Description: TPL Collagen Chocolate (30 SERV) EMP General Lot#: 23070660 Serving Size: 13.7450 g

Results									
Analysis	Method	[†] MDL / LOQ	Specification	Results	UOM	Lab ID			
Complete Micro Profile, HM (Rapid)	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			
Heavy Metals	ARL ICPMS 8.016					1			
Arsenic (As)	ARL ICPMS 8.016	0.001	< 10	0.072	mcg/Serving	g 1			
Cadmium (Cd)	ARL ICPMS 8.016	0.001	< 4.1	0.124	mcg/Serving	g 1			
Mercury (Hg)	ARL ICPMS 8.016	0.001	< 10	0.015	mcg/Serving	g 1			
Lead (Pb)	ARL ICPMS 8.016	0.001	< 0.5	0.446	mcg/Serving	g 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.

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Spencer

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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.

Analytical Resource Laboratories	ARL ID: Description: TPL Collagen Chocolate (30 SERV) Lot: 23070660 Serving Size: 13.7450g	
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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.

Spencer Asplu

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