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## **Certificate of Analysis**

**Client Information** 



Sample Information

ARL ID:

Date Received: 6/21/2023 Date Tested: 6/25/2023

Description: TPL GF WPI Chocolate (30 SERV) EMP General

Lot#: 23060779

Serving Size: 32.9560 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	1.257	mcg/Serving	<b>j</b> 1			
Cadmium (Cd)	ARL ICPMS 8.016	0.001	< 4.1	0.156	mcg/Serving	<b>j</b> 1			
Mercury (Hg)	ARL ICPMS 8.016	0.001	< 10	0.079	mcg/Serving	<b>j</b> 1			
Lead (Pb)	ARL ICPMS 8.016	0.001	< 0.5	0.416	mcg/Serving	<b>j</b> 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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Released by: Jacob Teller Date Released: 6/26/2023



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<sup>†</sup>MDL / LOQ **Analysis** Method Specification Results **UOM** Lab ID

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.

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Released by: Jacob Teller Date Released: 6/26/2023