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Certificate of Analysis

Client Information



Sample Information

ARL ID:

Date Received: 4/14/2023 Date Tested: 4/18/2023

Description: TPL GF WPI UF (30 SERV) EMP NTC Botanical Powder

Lot#: 23032933

Serving Size: 32.3000 g

		Results				
Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
Complete Micro Profile, HM (High Count, Rapid)	USP, AOAC, ICP- MS					1
Total Plate Count (High Count)	USP <2021>	100	Record Only	None Detected	cfu's/g	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 and Mold (High Count, Rapid)	AOAC RI	100	Record Only	None Detected	cfu's/g	1
Heavy Metals	ARL ICPMS 8.016					1
Arsenic (As)	ARL ICPMS 8.016	0.001	< 10	0.083	mcg/serving	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	< 4.1	0.010	mcg/serving/s erving	s 1
Mercury (Hg)	ARL ICPMS 8.016	0.001	< 10	0.016	mcg/serving	1
Lead (Pb)	ARL ICPMS 8.016	0.001	< 0.5	0.059	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

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Released by: Jacob Teller Date Released: 4/18/2023



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Analysis Method [†]MDL / LOQ Specification Results UOM Lab ID

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-scoped methods is available upon request. Certificate and scope are also available upon request.

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