

Certificate of Analysis

Client Information

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Sample Information

ARL ID: XXXXXXXXXX
Date Received: 5/26/2023
Date Tested: 5/31/2023
Description: TPL Vitality(60 CAP) EMP General
Lot#: 23050209
Serving Size: 1486.2994 mg

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	0.236	mcg/Serving	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	< 4.1	0.080	mcg/Serving	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	< 10	0.006	mcg/Serving	1
Lead (Pb)	ARL ICPMS 8.016	0.001	< 0.5	0.416	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.



Results

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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.

