



Certificate of Analysis

Client Information

Elite Manufacturing and Packaging

277 E 1750 N
Vineyard, UT 84059
USA
801.735.3333

Sample Information

ARL ID: 658899
Date Received: 2/10/2023
Date Tested: 2/15/2023
Description: TPL Vitamin K2 (100mcg) + Vitamin D3 (5000IU) (Sunflower)
(120 SFG) EMP General
Lot#: 23020190
Serving Size: 1 Gelcap(s)

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	0.172	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	<0.001	mcg/Serving	1
Lead (Pb)	ARL ICPMS 8.016	0.001	< 0.5	<0.001	mcg/Serving	1
Weight (Net Average)	ARL 2.001	0.01	Record Only	147.78	mg/Unit	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.



Results

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

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.

