



**NuEthix**  
FORMULATIONS

11365 SIXTH ST E, TREASURE ISLAND, FL 33706  
WWW.NUETHIX.COM



## Certificate of Analysis

### Client Information

**NuEthix Formulations**  
11365 Sixth St E.  
Treasure Island, FL 33706  
USA

### Sample Information

ARL ID: 675990  
Date Received: 5/8/2023  
Date Tested: 5/15/2023  
Description: Liposomal B12 - NuEthix  
Lot#: L230419  
Expiration Date: 04/25  
Serving Size: 1 mL

### Results

Analysis	Method	MDL / LOQ	Specification	Results	UOM	Lab ID
<u>Complete Micro Profile, HM</u>	USP, AOAC, ICP-MS					1
Total Plate Count	USP <2021>	10	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	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Mold	USP <2021>	10	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	Record Only	< 0.001	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.002	ppm	1
Vitamin B12 (Methylcobalamin, HPLC)	ARL 2.015	10	Record Only	< 10 <sup>Note 1</sup>	mcg/Serving	1
5-Methyltetrahydrofolic Acid	ARL 2.079	0.01	Record Only	< 0.01	%	1
Specific Gravity	ARL 2.006	0.01	Record Only	1.00	g/mL	1

### Notes:

1. ARL vitamin results are reported as the form of the vitamin specified in the parentheses of the analysis name.



Results

Analysis	Method	MDL / LOQ	Specification	Results	UOM	Lab ID
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**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.

**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.**

