

Typical Certificate of Analysis

Product: Vitamin B12 Liquid
Serving size: 1 mL
Testing: Independent laboratories

Cobalamin content

Analysis	Typical Result	Method
Methylcobalamin	1670 mcg/Serving Size	UPLC, USP (Modified)
Hydroxocobalamin	993 mcg/Serving Size	UPLC, USP (Modified)
Adenosylcobalamin	465 mcg/Serving Size	UPLC, USP (Modified)
Density	1.147 g/mL	Gravimetric *

Heavy metals & microbiology

Analysis	Typical Result	Method
Mercury	0.001 ppm	ICP-MS USP <730>
Lead	0.004 ppm	ICP-MS USP <730>
Arsenic	0.015 ppm	ICP-MS USP <730>
Cadmium	0.004 ppm	ICP-MS USP <730>
Total aerobic microbial count	<10 CFU/g	USP <2021>
Coliform	<3 MPN/g	FDA BAM
E. coli	Absent per 10 grams	USP <2022>
Staphylococcus aureus	Absent per 10 grams	USP <2022>
Salmonella	Absent per 10 grams	USP <2022>
Total yeast & mold	<10 CFU/g	USP <2021>
Yeast **	<10 CFU/g	USP <2021>
Mold **	<10 CFU/g	USP <2021>
Pseudomonas	Absent per 10 grams	USP <62>

* This analysis is not ISO accredited. ** For informational purposes only.
 Results reported without set limits by the testing laboratories.

TYPICAL / representative analysis from a prior production lot. Not the lot in your bag.