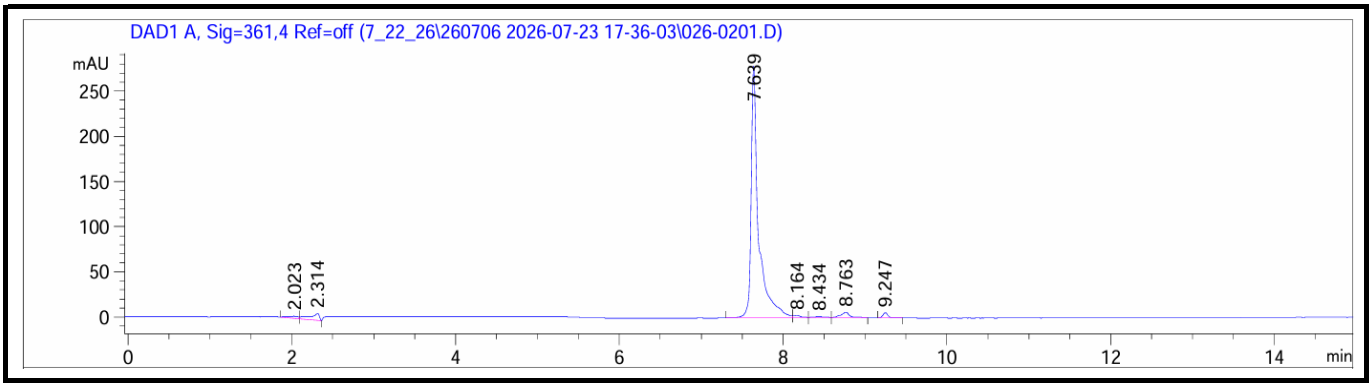
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

# Certificate of Analysis

Methylated B-12 1 mg/mL

Report To:
**Synthesis Peptides**

Compound: Methylated B-12
Amount: 1 mg/mL
Laboratory ID: V260713-4 001
Lot Number: MB12826
Date Released: 7/28/2026




| Analysis | Method | Result (per Unit) | |
|---|---|---|---|
| Identity | HPLC-UV/VIS | Pass - Matches Ref. Standard | |
| Quantity | HPLC-UV/VIS | 4.47 mg/mL | 4.33 mg/mL |

ISO 17025:2017 ACCREDITED LABORATORY

Report By: Dustin Newman, Laboratory Director on 7/28/2026

Approved By: Tori Johnson, Operations Manager on 7/28/2026

Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.

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Amount: 1 mg/mL
Laboratory ID: V260713-4 001
Lot Number: MB12826
Date Released: 7/28/2026

| Analyte | Method | LOQ (ppm) | Result (ppm) |
|---|---|---|---|
| Arsenic (As) | ICP-MS | 0.01 | ND |
| Cadmium (Cd) | ICP-MS | 0.01 | ND |
| Lead (Pb) | ICP-MS | 0.01 | ND |
| Mercury (Hg) | ICP-MS | 0.005 | ND |

Run ID: 260715b

| Analysis | Method | Result |
|---|---|---|
| Endotoxins | LAL | Pass - <5.00 EU/mg* |
| Sterility | USP <71> | Pass - No Growth Detected |

*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 7/28/2026

Approved By: Tori Johnson, Operations Manager on 7/28/2026

*ND: Non-Detect*
*LOD: Limit of Quantification*

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