



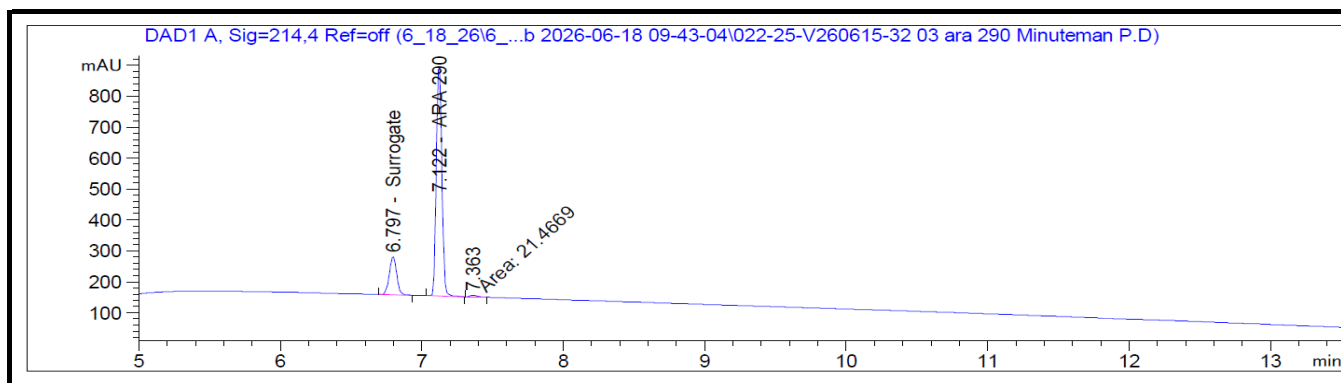
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

ARA-290 16 mg

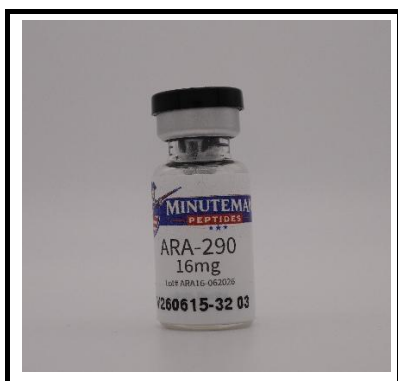
Report To:
Minuteman Peptides, LLC

Compound: ARA-290
Quantity: 16 mg
Laboratory ID: V260615-32 003
Lot Number: ARA16-062026
Date Reported: 7/6/2026



Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	98.97% $\pm$ 0.18%
Quantity	HPLC-UV/VIS	13.09 mg
Endotoxins	LAL	Pass - <5.00 EU/mg*
Sterility	USP <71>	Pass - Negative for Growth

*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 7/6/2026

Approved By: Tori Johnson, Operations Manager on 7/6/2026



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.