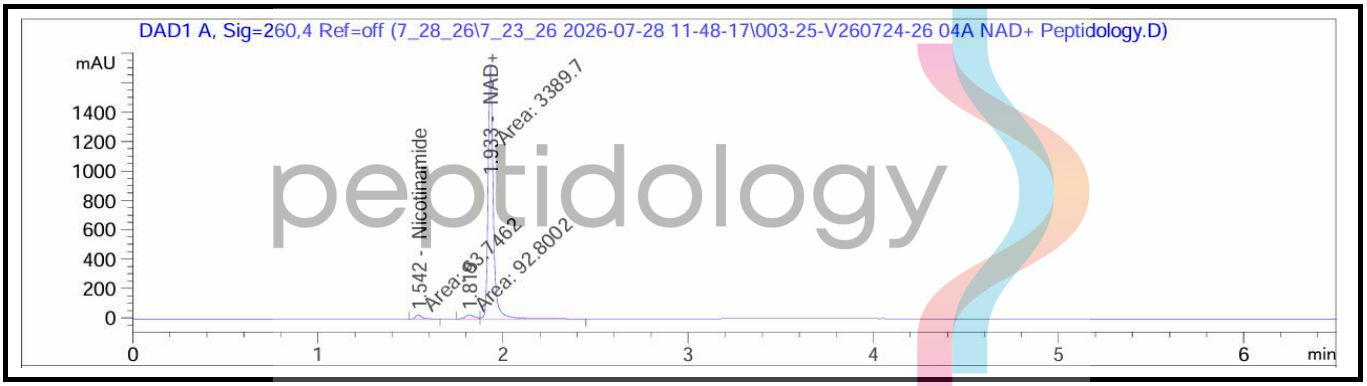
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

NAD+ 1066 mg

Report To:
Peptidology
11111 N Scottsdale Rd STE 205
Scottsdale, AZ 85254
480-974-4660

Compound: NAD+
Amount: 1066 mg
Laboratory ID: V260724-26 004
Date Reported: 8/13/2026
Lot Number: 1752



Chromatogram for vial A shown above.

Analysis	Method	Result (per Vial)		
CAS Number of Reference Std.	n/a	53-84-9		
Chromatographic Purity (Total)	HPLC-UV/VIS	>99.80%	>99.80%	>99.80%
Chromatographic Purity (NAD+)	HPLC-UV/VIS	97.21%	96.88%	97.11%
Chromatographic Purity	HPLC-UV/VIS	2.79%	3.12%	2.89%
Quantity: NAD+	HPLC-UV/VIS	1065 mg	1067 mg	1066 mg
Fentanyl Screening	Immunoassay	Pass - <50 ng/mL		



Report By: Dustin Newman, Laboratory Director on 8/13/2026

Approved By: Tori Johnson, Operations Manager on 8/13/2026

ISO 17025:2017 ACCREDITED LABORATORY

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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Analyte	Method	LOQ (ppm)	Result (per vial)	
Chromium (Cr)	ICP-MS	0.05	ND	ND
Arsenic (As)	ICP-MS	0.01	0.06	0.04
Cadmium (Cd)	ICP-MS	0.01	ND	ND
Lead (Pb)	ICP-MS	0.02	ND	ND
Mercury (Hg)	ICP-MS	0.005	ND	ND

Run ID: 260729.2

Analysis	Method	Vial	Result
Endotoxins	LAL	A	Pass - <5.00 EU/mg*
		B	Pass - <5.00 EU/mg*
		C	Pass - <5.00 EU/mg*

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

Analysis	Method	Result (per Vial)	
Sterility	USP <71>	A	Pass - No Growth
		B	Pass - No Growth
		C	Pass - No Growth
		D	Pass - No Growth
		E	Pass - No Growth

Report By: Dustin Newman, Laboratory Director on 8/13/2026

Approved By: Tori Johnson, Operations Manager on 8/13/2026

ND: Non-Detect
LOD: Limit of Quantification

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Laboratory ID: V260724-26 004
Date Reported: 8/13/2026
Lot Number: 1752

Residual Solvents Analysis			
Analyte	**Method**	**LOQ (ppm)**	**Result (ppm)**
Acetone	GC-MS	3.7	ND
Benzene	GC-MS	0.02	ND
Butanes	GC-MS	3.7	ND
Chloroform	GC-MS	0.02	ND
Cyclohexane	GC-MS	2.9	ND
Dichloromethane	GC-MS	0.45	ND
Ethanol	GC-MS	3.7	ND
Ethyl Acetate	GC-MS	3.7	ND
Heptane	GC-MS	3.7	ND
Hexanes	GC-MS	0.21	ND
Isopropanol	GC-MS	3.7	ND
Methanol	GC-MS	2.2	ND
Pentanes	GC-MS	3.7	ND
Propane	GC-MS	3.7	ND
Toluene	GC-MS	0.66	ND
Total Xylenes	GC-MS	1.6	ND

Peptidology

Analysis	Method	Result (per Vial)	
Container Closure Integrity	Dye Ingress Method	**A**	Pass
		B	Pass
		C	Pass
Solubility Analysis	Fully Soluble in 2 mL Water	**A**	Pass
		B	Pass
		C	Pass
Trifluoroacetic Acid (TFA)	Ion Chromotography	ND - <0.10%	

ND: Non-Detect
LOD: Limit of Quantification

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Report By: Dustin Newman, Laboratory Director on 8/13/2026

Approved By: Tori Johnson, Operations Manager on 8/13/2026

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