

Independent Research Testing Center
875 Innovation Drive, Cambridge, MA 02139, USA

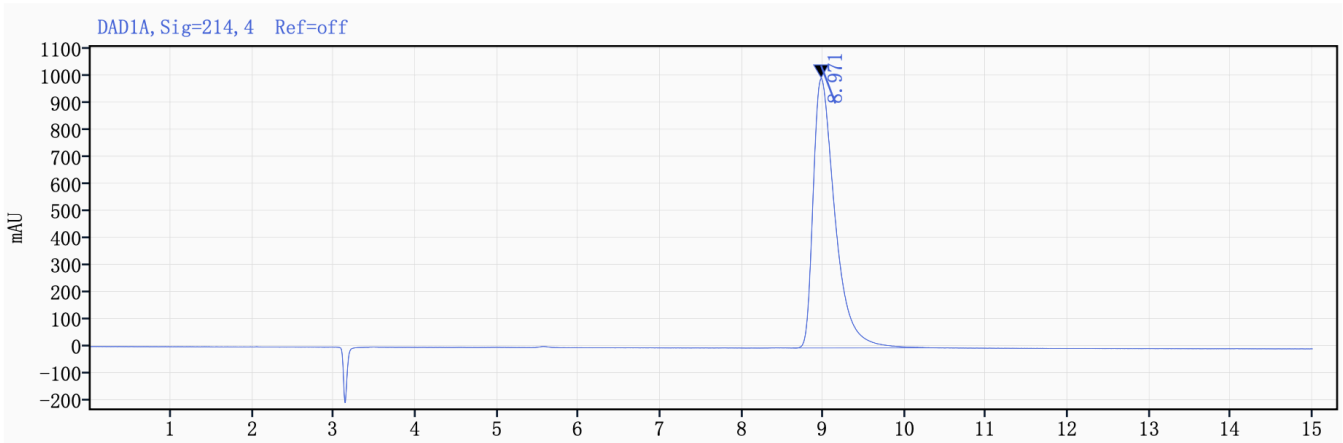
CERTIFICATE OF ANALYSIS (COA)

Product Name	NAD+ 1000 mg (Injectable Research Vial)
Chemical Name	NAD+ (β -Nicotinamide adenine dinucleotide)
CAS Number	53-84-9
Batch / Lot Number	NAD1000-0509
Manufacturing Date	2026-08-09
Retest / Expiry Date	2028-08-09
Net Content	1000 mg per vial
Storage Conditions	Store at 2–8°C, protected from light and moisture
Appearance	White to off-white lyophilized powder
Molecular Formula / MW	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂ / 663.43 g/mol

Analytical Results

Test Item	Specification	Result	Method
Identification	Conforms	Conforms	LC-MS
Purity (HPLC)	$\geq 98.0\%$	99.48%	HPLC
Peptide Content	95.0–105.0%	100.6%	HPLC
Appearance	White to off-white lyophilized powder	Conforms	Visual
Water Content	$\leq 3.0\%$	0.8%	Karl Fischer
Heavy Metals	≤ 10 ppm	< 10 ppm	ICP-MS
Endotoxin	< 10 EU/mg	< 10 EU/mg	LAL Test

HPLC Chromatogram



For laboratory research use only. Not for human consumption.

Tester Name	Dr. Michael Carter
Signature	<i>Michael Carter</i>
Test Date	2026-08-26