Peptide Test Canada
peptidetestcanada.ca
Canada's Most Trusted Independent Peptide Testing Lab

Certificate of Analysis

SCAN TO VERIFY

PTC-FYDAELQD

Lab ID: **NAD-117**

REPORTED October 1, 2026

CLIENT

VERIFY peptidetestcanada.ca/verify

EMAIL info@peptidetestcanada.ca

ORDER # PTC-684321

END CUSTOMER

NAME Elion Sciences

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	**NAD-117**	Received:	**09/22/2026**
Compound:	**NAD+**	Analyzed:	**10/01/2026**
Report No.:	**COA-2026-SC-03306**	CAS:	**53-84-9**
Lot Number:	**Batch# 6015272**	Formula:	**$C_{21}H_{27}N_7O_{14}P_2$**
Total Mass:	**1.231 g**	Mol Weight:	**663.4 g/mol**
Appearance:	**Lyophilized powder**		

SAMPLE PHOTOGRAPH

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

	SPECIFICATION	RESULT	STATUS
Compound Test:	NAD+	**NAD+**	**PASS**
Net Peptide Content:	1000.00 mg	**1169.48 mg**	
Peptide Fill Accuracy:	≥ 90 %	**117.0 %**	
Chromatographic Purity:	≥ 98 %	**99.5 %**	

Peptide fill accuracy is the measured net peptide content expressed as a percentage of the declared label claim (measured ÷ label claim × 100).

Chromatographic purity is the target peptide's concentration as a percentage of the total peptide concentration measured — the target peptide against the other trace peptides detected in the same sample. It reflects peptide-related impurities only; it does not measure salts, excipients, or water, and is separate from net peptide content (the actual mg of peptide). — means not determined.

§ 03 HPLC-MS/MS Detail

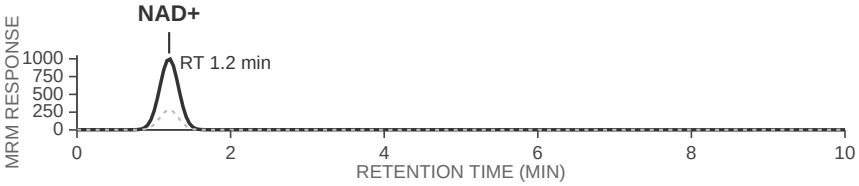
METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+H]+

664.10 Da

Quantifier transition ● MRM

664.10 › 136.10 CE 20 V



ROLE	TRANSITION	CE
● Quantifier	664.1 › 136.1	20 V

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 µm · Solvent A: 0.1 % formic acid in H_2O · Solvent B: 0.1 % formic acid in Acetonitrile

Issued October 1, 2026

DISCLAIMER · RESEARCH USE ONLY

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