PRECISION MASS SPEC
CHEMICAL • PHARMACEUTICAL

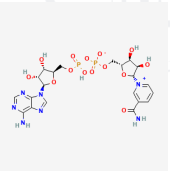
CERTIFICATE OF ANALYSIS

COA Number	**PMS-3466365618**
Client	**AgeRe**
Product	**NAD**
Received	**10/28/2026**
Report Date	**11/02/2026**
Lot Number	**A0916B-AR-NADB-1030**

PRODUCT IDENTIFICATION

HPLC-UV coupled with LC-MS, standard laboratory conditions

Compound Name	NAD+	**CAS No.**	53-84-9
Molecular Formula	C21H27N7O14P2	**Molecular Weight**	663.4 g/mol
Appearance	White Lyophilized Powder	**Compound Concentration**	500mg



MOLECULAR STRUCTURE

SAMPLE IDENTIFICATION

Client-supplied, verified at intake

Product Company	AgeRe	**Cap Color**	Blue
Crimp / Seal Color	Silver		
Container Size	10ml Amber Glass Vial		



CLIENT SAMPLE PHOTO

ANALYTICAL RESULTS

Test	Specification	Result	Status
Purity (HPLC)	>= 90.0%	**99.97%**	**PASS**
Mass Identification (LC-MS)	Conforms to declared compound	**NAD+**	**PASS**
Assay Content	90.0–110.0% of 500 mg	**521.89 mg**	**PASS**
Heavy Metals (ICP-MS)	< 10 ppm	**Not Detected**	**PASS**
Bacterial Endotoxins (LAL)	< 5 EU/mg	**Not Detected**	**PASS**
Sterility (RMM)	USP <71>	**Not Requested**	-
pH (1 mg/mL in purified water, 25°C)	Report result	**Not Requested**	-

ANALYST NOTES

Sample received labeled as NAD+, 500 mg, white lyophilized powder.

Identity: LC-MS analysis of the principal peak (RT 1.88 min) produced a protonated molecular ion at m/z 664.1 as the base peak, with its isotope ion at m/z 665.1, a doubly charged ion at m/z 332.6, a sodium adduct at m/z 686.1, a protonated dimer at m/z 1327.2 and a characteristic adenine fragment at m/z 136.1, consistent with nicotinamide adenine dinucleotide (NAD+, CAS 53-84-9, theoretical monoisotopic mass 663.1 Da). Identity result: Conforms.

Purity: 99.97% by HPLC-UV, principal peak relative to total integrated peak area. No related-substance peaks above the reporting threshold.

Net content: NAD+ quantified at 521.89 mg per vial against the compound calibration curve, 104.4% of label claim. Net content result: Conforms (within 90.0 to 110.0% of label).

Conclusion: Sample conforms to label for identity, purity and net content.

INSTRUMENT DATA

Traces behind the results above

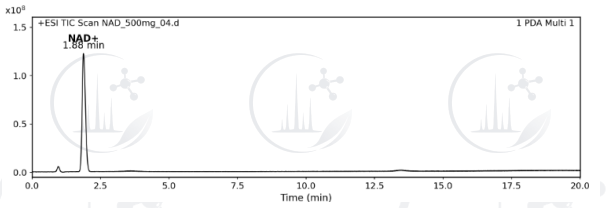


FIGURE 1 — TOTAL ION CHROMATOGRAM (LC-MS)

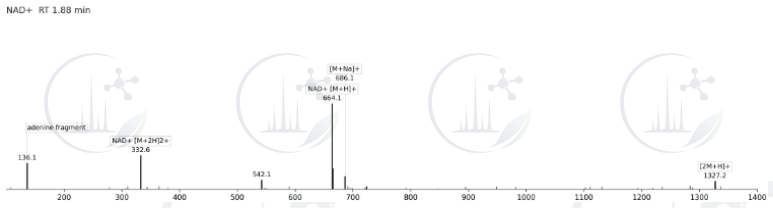


FIGURE 2 — MASS SPECTRUM, PRINCIPAL PEAK (LC-MS)

Lee Adams
Lab Director
COA: PMS-3466365618

The analysis reported herein was conducted using HPLC-UV and LC-MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The compounds tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables. The sample image included in this Certificate of Analysis was provided by the client during intake. For research use only.

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