

NAD+

CAS	53-84-9
Molecular formula	C21H27N7O14P2
Molecular weight	663.43 g/mol
Appearance	White to pale yellow hygroscopic powder
Container sizes on this lot	500 mg / 1000 mg

Analytical results

TEST	METHOD	RESULT
Purity	Reverse-phase HPLC, 214 nm	99.8% (spec ≥ 98.0%)
Bacterial endotoxin	LAL (Limulus amebocyte lysate)	0.09 EU/mg (spec < 0.5 EU/mg)
Identity	Mass spectrometry	663.43 g/mol obs. vs 663.43 g/mol calc.
Appearance	Visual	White to pale yellow hygroscopic powder

Storage & handling

Lyophilized: -20 C, tightly sealed, desiccated. Reconstituted: 2-8 C, use within 14 days.

Assayed: 2026-08-01

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Quality Assurance, PeptideSeed Laboratory Services