PRIME PEPTIDES UK

Certificate of Analysis

NAD+

1000 mg · Lyophilised powder

BATCH NAD-1000-22

PURITY · HPLC	IDENTITY · LC-MS	BATCH STATUS
≥ 99.0 %	**Confirmed**	**Released**
Threshold ≥ 98.0 %	663.4 g/mol observed	Meets specification

PRODUCT IDENTIFICATION

Product name	NAD+	Strength	1000 mg per vial
Chemical name	β-Nicotinamide adenine dinucleotide (oxidised form)	Physical form	Lyophilised powder
CAS number	53-84-9	Container	10 mL glass vial, flip-off seal
Molecular formula	$C_{21}H_{27}N_7O_{14}P_2$	Manufactured	Oct 2026
Molecular weight	663.4 g/mol	Retest / expiry	Oct 2028
Description	Pyridine-nucleotide coenzyme (not a peptide); supplied as lyophilised powder		

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT	STATUS
Appearance	Visual	White / off-white lyophilised powder	**White powder**	✔ Pass
Identity	LC-MS (ESI)	Mass consistent with $C_{21}H_{27}N_7O_{14}P_2$	**Conforms**	✔ Pass
Purity	RP-HPLC, 260 nm	≥ 98.0 %	**≥ 99.0 %**	✔ Pass
Net content	Gravimetric	1000 mg per vial, ± 5 %	**Conforms**	✔ Pass

STORAGE & HANDLING

Lyophilised powder
Store refrigerated at 2–8 °C. For long-term storage keep at −20 °C.

Light & moisture
Protect from light and moisture. Keep the vial sealed until reconstitution.

Reconstituted solution
Use promptly; store at 2–8 °C and avoid repeated freeze–thaw cycles.

Conclusion. The product has been tested and complies with the specifications stated above.

For research use only. This product is supplied strictly for in-vitro laboratory research. Not for human or veterinary use, not a drug, food, cosmetic or medical device. Keep out of reach of children.

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