



Product Specification

Product Name: NAD (β -Nicotinamide Adenine Dinucleotide)
Cat #: N-030
CAS #: 53-84-9
Storage: Store desiccated at -20°C.

Test	Specifications
Appearance	White to light yellow powder
Purity (HPLC)	$\geq 95.0\%$
NAD Content (anhydrous basis)	$\geq 90.0\%$
Water Content (K. Fischer)	$\leq 10.0\%$
Ratio A340/A260 (reduced with alcohol dehydrogenase at pH 10)	0.420 - 0.440
Ratio A280/A260 (pH 7.5)	0.190 - 0.230
Ratio A250/A260 (pH 7.5)	0.800 - 0.860
Absorbance - 340 nm (reduced with alcohol dehydrogenase, pH 10)	$6.1 - 6.5 \times 10^3$ L/mol/cm
Absorbance - 260 nm (pH 7.5)	$17.0 - 19.0 \times 10^3$ L/mol/cm
Solubility	Soluble in water

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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