

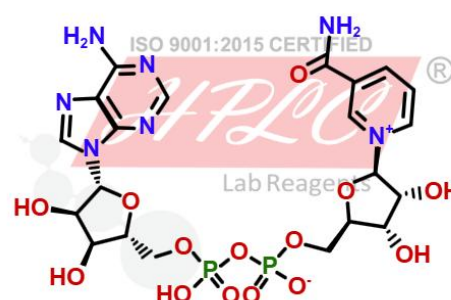


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Product Specification

β-NICOTINAMIDE-ADENINE DINUCLEOTIDE 97.5% FOR BIOCHEMISTRY

CAT. NO. : COE151
GRADE : LR
CAS NO. : 53-84-9
FORMULA : C₂₁H₂₇N₇O₁₄P₂
M.W. : 663.4(anhy)



Minimum assay 97.5%
 (as enzyme based on dry weight)
 β-NAD Min.94.5%
 (enzyme at 340 nm, Lab Reagents
 $\epsilon = 6.3 \text{ L} \cdot \text{mmol}^{-1} \cdot \text{cm}^{-1}$)

Maximum limits of impurities:

Water (KF)	8.0%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell at 260 nm	255-270
Absorbance ratio:	
A ₂₅₀ /A ₂₆₀	0.81-0.85
A ₂₈₀ /A ₂₆₀	0.20-0.24
Heavy metal (as Pb)	0.002%

Keep in dry place at 0 to 4°C.

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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